

Soil and Indoor Air Quality Sampling Report Pacific Palisades and Rustic Canyon Areas Various Locations in Pacific Palisades and Santa Monica, California

City of Los Angeles,
Department of Recreation and Parks
221 North Figueroa Street, Suite 400 | Los Angeles, California 90012

October 29, 2025 | Project No. 211750006



Geotechnical | Environmental | Construction Inspection & Testing | Forensic Engineering & Expert Witness

Geophysics | Engineering Geology | Laboratory Testing | Industrial Hygiene | Occupational Safety | Air Quality | GIS

Ninyo & Moore
A SOCOTEC COMPANY

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Various Locations in Pacific Palisades
and Santa Monica, California

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1 INTRODUCTION

On June 5, 2025, Ninyo & Moore conducted soil sampling at Pacific Palisades Park, Temescal Canyon Park, Via de Las Olas Lookout, Asilomar View Park, George Wolfberg Park at Potrero Canyon Trails, and Rustic Canyon Park. In addition, Ninyo & Moore conducted indoor and outdoor air quality sampling at the Pacific Palisades and Rustic Canyon Recreation Centers. Based on the initial results from June 5, 2025, and in accordance with the Amendment dated September 2, 2025 (Ninyo & Moore, 2025), Ninyo & Moore re-mobilized to the site September 8 and September 11, 2025 to delineate detected impacts to soil and confirm air sampling results.

2 SITE DESCRIPTION AND BACKGROUND

Pacific Palisades Park and Recreation Center are located at 851 Alma Real Drive, Pacific Palisades, California. Temescal Canyon Park is located at 15900 Pacific Coast Highway, Pacific Palisades, California. Via de Las Olas Lookout is located at the coordinates 34° 2'9.06"N; 118°31'45.62"W in Los Angeles, California. Asilomar View Park is located at 15900 Asilomar Boulevard, Pacific Palisades, California. George Wolfberg Park at Potrero Canyon Trails is located at the coordinates 34° 2'22.75"N; 118°31'30.55"W in Pacific Palisades, California. Rustic Canyon Park and Recreation Center are located at 601 Latimer Road, Santa Monica, California. The sites are owned and operated by the City of Los Angeles Department of Recreation and Parks. The recreation centers offer recreational programs for the public. At the time of soil and air sampling in September 2025, parts of the Rustic Canyon Recreation Center were being used as elementary school classrooms.

3 SOIL SAMPLING AND LABORATORY TESTING

Initial soil sampling at the sites was performed by Ninyo & Moore on June 5, 2025. Ninyo & Moore collected six discrete surface soil samples from across Pacific Palisades Park (PP-1 through PP-6), two discrete soil samples from Temescal Canyon Park (TC-1 and TC-2), two discrete soil samples from Via de Las Olas Lookout (VLO-1 and VLO-2), two discrete soil samples from Asilomar View Park (AV-1 and AV-2), four discrete soil samples from George Wolfberg Park at Potrero Canyon Trails (GWPC-1 through GWPC-4), and six discrete soil samples from across Rustic Canyon Park (RC-1 through RC-6).

The soil samples were collected from the surface to three inches below ground surface (bgs) and were placed in clean, laboratory-supplied containers and delivered and submitted under proper chain-of-custody procedures to Eurofins Environmental Testing Laboratory (Eurofins), a State-certified laboratory located at 2841 Dow Avenue, Suite 100, Tustin, California with the phone

number (714) 895-5494 and Environmental Laboratory Accreditation Program (ELAP) number 3082. Each soil sample was analyzed with a standard turnaround time for the following:

- Title 22 Metals including Lithium in accordance with United States Environmental Protection Agency (EPA) Method 6010B and 7471A;
- Volatile Organic Compounds (VOCs) in accordance with EPA Method 8260B;
- Polycyclic Aromatic Hydrocarbons (PAHs) in accordance with EPA Method 8270C; and
- Asbestos using Polarized Light Microscopy in accordance with EPA Method 600/R-93/116

Based on initial soil sampling results, Ninyo & Moore conducted a second round of soil sampling on September 8, 2025 which consisted of step-out and step-down soil sampling of initial soil sample locations RC-1 and RC-5 from Rustic Canyon and near sample location PP-4 from the Palisades Recreation Center area. These samples were analyzed for select Title 22 Metals in accordance with EPA Method 6010B.

4 INDOOR/OUTDOOR AIR SAMPLING AND LABORATORY TESTING

Initial indoor air and outdoor ambient air sampling were performed by Ninyo & Moore on June 5, 2025 inside and outside of the Pacific Palisades Recreation Center and Rustic Canyon Recreation Center. Ninyo & Moore collected one indoor air and one outdoor ambient air sample from each of the two recreation centers. The indoor and outdoor air sample locations, IDs, and coordinates are presented in Table 1. The indoor and outdoor air samples collected from each recreation center were measured for particulate matter (PM) at the PM1.0, PM2.5, and PM10 levels using a Q-Trak XP 7585 Indoor Air Quality Monitor. The indoor and outdoor air samples were collected using 6-Liter laboratory-certified Summa canisters equipped with an eight-hour flow controller and polyurethane foam/XAD cartridges connected to a Sensidyne GilAir Plus Data Log pump set at a flow rate of one liter per minute for approximately eight hours.

Each indoor and outdoor air sample was shipped overnight to the Eurofins Environment Testing Northern California (Eurofins Air Toxics) laboratory, a State-certified laboratory with an address of 180 Blue Ravine Road, Suite B, Folsom, California and phone number (916) 985-1000 and National Environmental Laboratory Accreditation Program (NELAP)/Oregon Environmental Laboratory Accreditation Program (ORELAP) number CA300005-21. Each indoor and outdoor air sample was analyzed on a standard turnaround time for the following:

- VOCs in accordance with EPA Method TO-15 Selected Ion Monitoring (SIM); and
- PAHs in accordance with EPA Method TO-13A.

Based on initial indoor air sampling results, follow-up indoor air and outdoor ambient air samples were collected from the Pacific Palisades Recreation Center and Rustic Canyon Recreation Center on September 11, 2025 to address the detections of benzene and tetrachloroethene (PCE) at concentrations exceeding residential screening levels and to reduce the reporting limits of select compounds to below residential screening levels. These samples were analyzed for tetrachloroethene (PCE), 1,1,2,2-tetrachloroethane (1,1,2,2-PCA), and benzene in accordance with EPA Method TO-15 SIM.

Each soil and air sampling location was geolocated using a Global Positioning System GNS3 Loggerhead device and the soil sample location coordinates are provided in Table 1.

Table 1 – Soil and Indoor/Outdoor Air Sample Locations, Identifications (IDs), and Coordinates		
Sample Location	Sample ID	Coordinates
Pacific Palisades Park	PP-1	34° 2'32.85"N, 118°31'31.22"W
	PP-2	34° 2'32.40"N, 118°31'27.40"W
	PP-3	34° 2'30.16"N, 118°31'30.27"W
	PP-4	34° 2'29.49"N, 118°31'27.02"W
	PP-4-5N-0.5	34° 2'29.53"N, 118°31'27.03"W
	PP-4-5SE-0.5	34° 2'29.45"N, 118°31'27.00"W
	PP-4-5SW-0.5	34° 2'29.47"N, 118°31'27.09"W
	PP-5	34° 2'28.85"N, 118°31'32.17"W
Temescal Canyon Park	PP-6	34° 2'28.22"N, 118°31'30.07"W
	TC-1	34° 2'17.16"N, 118°31'59.79"W
	TC-2	34° 2'15.40"N, 118°32'0.53"W
Via de Las Olas Lookout	VLO-1	34° 2'9.05"N, 118°31'46.84"W
	VLO-2	34° 2'8.53"N, 118°31'44.15"W
Asilomar View Park	AV-1	34° 2'24.34"N, 118°32'12.47"W
	AV-2	34° 2'23.95"N, 118°32'8.56"W
George Wolfberg Park at Potrero Canyon Trails	GWPC-1	34° 2'22.82"N, 118°31'31.36"W
	GWPC-2	34° 2'16.51"N, 118°31'27.89"W
	GWPC-3	34°02'08"N, 118°31'28"W
	GWPC-4	34°02'03"N, 118°31'33"W
Rustic Canyon Park	RC-1	34° 2'20.71"N, 118°30'53.83"W
	RC-1-5N-0.5	34° 2'20.77"N, 118°30'53.83"W
	RC-1-5SE-0.5	34° 2'20.68"N, 118°30'53.79"W
	RC-1-5SW-0.5	34° 2'20.71"N, 118°30'53.89"W
	RC-2	34° 2'20.48"N, 118°30'50.56"W
	RC-3	34° 2'18.84"N, 118°30'54.35"W
	RC-4	34° 2'18.13"N, 118°30'51.45"W
	RC-5	34° 2'15.94"N, 118°30'54.90"W
	RC-5-5NE-0.5	34° 2'15.99"N, 118°30'54.86"W
	RC-5-5SE-0.5	34° 2'15.91"N, 118°30'54.88"W
	RC-5-5W-0.5	34° 2'15.96"N, 118°30'54.96"W
Pacific Palisades Recreation Center	RC-6	34° 2'15.91"N, 118°30'52.74"W
	PP-IA	34.04214° N, 118.52445° W
	PP-IA (2 nd Round*)	34.04219° N, 118.52467° W
Rustin Canyon Recreation Center	PP-OA	34.04237° N, 118.52474° W
	RC-IA	34.03793° N, 118.51476° W
	RC-OA	34.03774° N, 118.51498° W

Notes:
 * - PP-IA original sampling location was locked at the time of the second round of sampling. Sample was placed in supply closet on other side of building. Other second round samples were placed in the same locations as the initial samples.

5 SOIL ANALYTICAL RESULTS

The analytical results for the collected soil samples are presented in attached Tables 2 through 4 and were compared to the following screening criteria:

- Department of Toxic Substances Control (DTSC) Human and Ecological Risk Office (HERO) Human Health Risk Assessment (HHRA) Note Number 3 DTSC-modified Screening Levels (HERO Note 3 Screening Levels), dated June 2020, revised March 2025 (DTSC, 2020);
- DTSC HERO HHRA Note Number 11, Southern California Ambient Arsenic Screening Level (DTSC, 2020b); and
- EPA Regional Screening Levels (RSLs; EPA, November 2024).

5.1 Title 22 Metals Including Lithium

In the soil samples collected on June 5, 2025, several metals including arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, molybdenum, nickel, silver, vanadium, zinc, lithium, and mercury were reported at concentrations above laboratory reporting limits. Table 2 lists the analytical results for the metals detected in soil collected on June 5, 2025.

- Arsenic was detected in soil samples RC-5 and PP-4 at concentrations of 12.4 and 16.6 milligrams per kilogram (mg/kg), respectively, which exceed the DTSC Southern California Ambient Arsenic Screening Level of 12 mg/kg.
- Cadmium was detected in soil sample RC-1 at a concentration of 7.85 mg/kg, which exceeds the residential DTSC HERO HHRA Screening Level (DTSC SL) of 7.1 mg/kg for cadmium in soil, but is below the commercial DTSC SL of 100 mg/kg.
- Lead was detected in soil sample PP-4 at a concentration of 96.1 mg/kg, which exceeds the residential DTSC SL of 80 mg/kg, but is below the commercial DTSC SL of 500 mg/kg.
- Barium, beryllium, chromium, cobalt, copper, molybdenum, nickel, silver, vanadium, zinc, lithium, and mercury were not detected above the residential regulatory screening levels for soil.

To delineate the detections of metals at concentrations exceeding screening levels, step-down and step-out samples were collected near samples RC-1, RC-5, and PP-4. Step-out samples were collected at 0.5 feet bgs in 3 directions 5 feet from the initial location and step-down samples were collected at 1, 2, 3, and 4 feet bgs and were collocated with the initial sample location and with the step-out locations. Step-down samples were submitted on hold pending the results of the shallower samples.

- Sample RC-1 had a detected concentration of cadmium at 7.85 mg/kg, which exceeds the residential screening level of 7.1 mg/kg. The step-out samples collected from 5 feet north, southeast, and southwest of the original location at 0.5 feet bgs had cadmium concentrations of 9.51 mg/kg, 14.7 mg/kg, and 8.64 mg/kg, respectively. The step-down samples collected

from 1 foot bgs at the original location and step-out locations had detected concentrations of cadmium below its residential screening level.

- Sample RC-5 had a detected concentration of arsenic at 12.4 mg/kg, which exceeds the DTSC Ambient Arsenic Screening Level of 12 mg/kg. One step-out sample collected from 5 feet southeast of the original location at 0.5 feet bgs had a concentration of 12.3 mg/kg which exceeds the DTSC Ambient Arsenic Screening Level. The step-down samples collected from 1 foot bgs at the original location and the above step-out location had detected concentrations of arsenic below the DTSC Ambient Arsenic Screening Level.
- Sample PP-4 had a detected concentration of arsenic of 16.6 mg/kg, which exceeds the DTSC Ambient Arsenic Screening Level of 12 mg/kg. Each step-out sample collected from 5 feet north, southeast, and southwest of the original location at 0.5 bgs and the step-down sample collected at 1 foot bgs at the original location had detected concentrations of arsenic below the DTSC Ambient Arsenic Screening Level.
- Sample PP-4 also had a detected concentration of lead of 96.1 mg/kg, which exceeds its residential screening level of 80 mg/kg. Each step-out sample collected from 5 feet north, southeast, and southwest of the original location at 0.5 bgs and the step-down sample collected at 1 foot bgs at the original location had detected concentrations of lead below its residential Screening Level.

5.2 Volatile Organic Compounds

Several VOCs, including acetone, benzene, carbon disulfide, para-isopropyl toluene, and toluene were reported at concentrations above laboratory reporting limits in the soil samples collected on June 5, 2025. The reported concentrations of the detected VOCs did not exceed residential regulatory screening levels for soil. Table 3 lists the analytical results for the detected VOCs in soil collected on June 5, 2025.

5.3 Polycyclic Aromatic Hydrocarbons (PAHs)

Several PAHs, including 1-methylnaphthalene, 2-methylnaphthalene, acenaphthylene, anthracene, benzo[b]fluoranthene, chrysene, fluoranthene, fluorene, naphthalene, phenanthrene, and pyrene were reported at concentrations above laboratory reporting limits in the soil samples collected on June 5, 2025 (Table 4).

- 1-methylnaphthalene was detected in soil sample PP-4 at a concentration of 0.18 mg/kg, which is at the residential DTSC SL of 0.18 mg/kg, but below the commercial DTSC SL of 0.77 mg/kg.
- 2-methylnaphthalene, acenaphthylene, anthracene, benzo[b]fluoranthene, chrysene, fluoranthene, fluorene, naphthalene, phenanthrene, and pyrene were not detected above the residential regulatory screening levels for soil.

5.4 Asbestos

Asbestos was not detected in any of the soil samples collected during the June 2025 Sampling event and therefore asbestos was not analyzed in the September 2025 sampling event (Table 4).

6 INDOOR/OUTDOOR AIR ANALYTICAL RESULTS

The analytical results for the indoor and outdoor air samples are provided in attached Tables 5 through 7 and are detailed below:

6.1 Volatile Organic Compounds (VOCs)

Several VOCs, including 1,1,1-trichloroethane, 1,1-dichloroethane, 1,1-dichloroethene, 1,2-dichloroethane, benzene, carbon tetrachloride, chloroform, chloromethane, cis-1,2-dichloroethene, ethylbenzene, freon 114, freon 12, PCE, toluene, trichloroethene (TCE), m,p-xylenes, and o-xylenes were reported at concentrations above laboratory reporting limits in the indoor and outdoor air samples collected on June 5, 2025 (Table 5).

- Benzene was detected above the laboratory method detection limit (MDL) in air sample PP-IA at a concentration of 0.10 micrograms per cubic meter ($\mu\text{g}/\text{m}^3$) and in air samples RC-IA and RC-OA at a concentration of 0.11 $\mu\text{g}/\text{m}^3$, which exceed the residential DTSC SL of 0.097 $\mu\text{g}/\text{m}^3$ for benzene, but are below the commercial DTSC SL of 0.42 $\mu\text{g}/\text{m}^3$. Benzene was also detected above the laboratory reporting limit in outdoor ambient air sample PP-OA at a concentration of 0.061 $\mu\text{g}/\text{m}^3$.
- PCE was detected in air sample PP-IA at a concentration of 7.2 $\mu\text{g}/\text{m}^3$, which exceeds the residential DTSC SL of 0.46 $\mu\text{g}/\text{m}^3$ and the commercial DTSC SL of 2.0 $\mu\text{g}/\text{m}^3$.
- 1,1,1-trichloroethane, 1,1-dichloroethane, 1,1-dichloroethene, 1,2-dichloroethane, carbon tetrachloride, chloroform, chloromethane, cis-1,2-dichloroethene, ethylbenzene, freon 114, freon 12, toluene, TCE, m,p-xylenes, and o-xylenes were not detected above the residential and commercial regulatory screening levels for air.
- 1,1,2,2-PCA, 1,2-dibromoethane, and vinyl chloride, while non-detect, had laboratory method detection limits that exceeded their respective residential screening levels.

To confirm indoor air sampling results, another round of indoor air sampling was conducted on September 11, 2025. Samples were analyzed for benzene, PCE, and 1,1,2,2-PCA. Notably, the follow-up indoor air sample at the Palisades Recreation Center was collected from a different location than the initial sample due to access restrictions.

- 1,1,2,2-PCA was non-detect, but its reporting limit was not able to be lowered to below residential screening levels. Based on site use and history, it is unlikely that 1,1,2,2-PCA is a contaminant of concern at the site. Likewise for 1,2-dibromoethane and vinyl chloride, whose screening levels in the first event also could not be lowered to below residential screening levels. The method detection limits of these analytes are shown on Table 5. The method detection limits of these analytes are below their respective commercial screening levels.

- Benzene was detected at a concentration of 0.18 µg/m³ in both the indoor and outdoor ambient samples collected on September 11, 2025 at the Palisades Recreation Center. Benzene was detected at concentrations of 0.26 µg/m³ and 0.25 µg/m³ in the indoor and outdoor ambient samples collected on September 11, 2025 at the Rustic Canyon Recreation Center, respectively. The similar results suggest that the benzene is likely the result of an outdoor source and is not considered an indoor air quality concern.
- PCE was not detected above the laboratory reporting limit in the follow-up sampling event, suggesting that the initial result was anomalous and it is not considered an indoor air quality concern.

6.2 Polycyclic Aromatic Hydrocarbons (PAHs)

PAHs detected above the laboratory reporting limit in indoor air samples included naphthalene and 2-methylnaphthalene (Table 6). PAHs were not detected above the laboratory reporting limit in any outdoor air samples analyzed.

- Naphthalene was detected in indoor air samples PP-IA and RC-IA at concentrations of 2.1 and 1.3 µg/m³, respectively, which exceed the residential EPA RSL of 0.083 µg/m³ and the commercial EPA RSL of 0.36 µg/m³ for naphthalene in air. However, naphthalene was also present in the laboratory blank at a concentration greater than the laboratory limit.
- 2-methylnaphthalene was detected in indoor air sample PP-IA at a concentration of 0.97 µg/m³, which is below the residential regulatory screening levels for indoor air of 17 µg/m³.

PAHs were not analyzed in the September 2025 sampling event.

6.3 Particulate Matter (PM1.0, PM2.5, and PM10)

The particulate matter (PM) sample measurement locations, IDs, and coordinates are presented in Table 1. Results of the PM concentrations at the PM1.0, PM2.5 and PM10 levels measured for the indoor and outdoor air sample locations are provided in Table 7 below. PM samples were not collected during the September 2025 sampling event.

Sample Location	Sample ID IA: Indoor Air OA: Outdoor Air	PM1.0 (mg/m³)	PM2.5 (mg/m³)	PM10 (mg/m³)
Pacific Palisades Recreation Center	PP-IA	0.000	0.000	0.000
	PP-OA	0.004	0.006	0.007
Rustic Canyon Recreation Center	RC-IA	0.003	0.004	0.005
	RC-OA	0.005	0.006	0.007

The measured PM levels in the indoor and outdoor air sample locations at the Pacific Palisades and Rustic Canyon Recreation Centers are below the 24-hour and annual National Ambient Air Quality Standards (NAAQS) and California Ambient Air Quality Standards (CAAQS) for PM2.5

and PM10. There is currently not a formal PM1.0 standard with established ambient air quality standards.

7 FINDINGS

Based on the results of the above assessment, Ninyo & Moore presents the following findings:

- Detectable concentrations of arsenic in the soil samples RC-5 and PP-4 from the June 2025 sampling event exceeded the DTSC Southern California Ambient Arsenic Screening Level of 12 mg/kg. In the September 2025 sampling event, one step-out sample from RC-5 had a concentration of 12.3 mg/kg which exceeds the Ambient Arsenic Screening Level. Each step-down sample from RC-5 had detected concentrations of arsenic below the Ambient Arsenic Screening Level. Each step-out and step-down sample around PP-4 had detected concentrations of arsenic below the Ambient Arsenic Screening Level.
- A detectable concentration of lead in soil sample PP-4 from the June 2025 sampling event exceeded the residential DTSC SL of 80 mg/kg for lead in soil. Each step-out and step-down sample around PP-4 in the September 2025 sampling event had detected concentrations of lead below its residential DTSC SL.
- A detectable concentration of cadmium in soil sample RC-1 from the June 2025 sampling event exceeded the residential DTSC SL of 7.1 mg/kg for cadmium in soil. Step-out samples around RC-1 from the September 2025 sampling event had detected cadmium concentrations of 8.64 mg/kg, 9.51 mg/kg, and 14.7 mg/kg which exceed its residential DTSC SL. Each step-down sample had detected concentrations of cadmium below its DTSC SL.
- A detectable concentration of PAH chemical compound 1-methylnaphthalene in soil sample PP-4 is at the residential EPA RSL of 0.18 mg/kg for 1-methylnaphthalene in soil.
- Benzene was detected in the June 2025 sampling event in indoor air sample PP-IA at a concentration of 0.10 $\mu\text{g}/\text{m}^3$ and indoor and outdoor air samples RC-IA and RC-OA at a concentration of 0.11 $\mu\text{g}/\text{m}^3$, which exceeds the residential DTSC SL of 0.097 $\mu\text{g}/\text{m}^3$ but was below the commercial DTSC SL of 0.42 $\mu\text{g}/\text{m}^3$. In the September 2025 sampling event, benzene was detected at a concentration of 0.18 $\mu\text{g}/\text{m}^3$ in both the indoor and outdoor ambient air samples collected at the Palisades Recreation Center. Benzene was detected at concentrations of 0.26 $\mu\text{g}/\text{m}^3$ and 0.25 $\mu\text{g}/\text{m}^3$ in the indoor and outdoor ambient air samples collected at the Rustic Canyon Recreation Center, respectively.
- PCE was detected in the June 2025 sampling event in indoor air sample PP-IA at a concentration of 7.2 $\mu\text{g}/\text{m}^3$ which exceeds the residential DTSC SL of 0.46 $\mu\text{g}/\text{m}^3$ and the commercial DTSC SL of 2.0 $\mu\text{g}/\text{m}^3$. PCE was not detected above the laboratory reporting limit in the air samples collected during the September 2025 sampling event
- Naphthalene was detected in indoor air samples PP-IA and RC-IA from the June 2025 sampling event at concentrations of 2.1 and 1.3 $\mu\text{g}/\text{m}^3$, respectively, which exceeds the residential EPA RSL of 0.083 $\mu\text{g}/\text{m}^3$ and commercial EPA RSL of 0.36 $\mu\text{g}/\text{m}^3$ for naphthalene in air. However, upon laboratory analysis, it was discovered that naphthalene was present in the laboratory blank used during the analysis at a concentration of 3.1 $\mu\text{g}/\text{m}^3$. As a result, the indoor air sample values for PP-IA and RC-IA with naphthalene detections were “B” flagged and the detections may be due to the naphthalene concentration detected in the laboratory blank.

- Detectable concentrations of VOCs in soil samples were at concentrations below residential and commercial SLs.
- Measured PM levels in the indoor and outdoor air sample locations were below NAAQS and CAAQS.
- Asbestos was not detected in the soil samples analyzed.

8 RECOMMENDATIONS

Based on the laboratory analytical results for the soil and indoor and outdoor air samples collected as well as findings comparable to applicable screening criteria, the following recommendations are provided:

- Ninyo & Moore recommends that a human health risk assessment (HHRA) be conducted to determine the potential human health impacts of metals concentrations in soil.
- Further action regarding indoor air is not warranted based on sampling results. Based on similar benzene levels in indoor and outdoor air samples, the indoor air benzene concentration is likely attributed to an outdoor source. Meanwhile, the PCE result could not be replicated in the follow-up sampling event, so the initial PCE result was likely from an anomalous indoor source such as a recently used cleaning product and not indicative of an indoor air quality issue.
- 1,1,2,2-PCA, 1,2-dibromoethane, and vinyl chloride were non-detect, but their reporting limits were not able to be lowered to below residential SLs. Based on site use and history, it is unlikely that these chemicals are contaminants of concern at the site. No additional action is warranted.
- Due to the detection of both PAH chemical compounds (naphthalene and 2-methylnaphthalene) in the laboratory blank sample, the presence of both these compounds in air sample PP-IA, and naphthalene in air sample RC-IA are likely attributed to the detections in the laboratory blank sample, and no further investigation for naphthalene and 2-methylnaphthalene in air is recommended.

9 LIMITATIONS

The environmental services described in this report have been conducted in general accordance with current regulatory guidelines and the standard-of-care exercised by environmental consultants performing similar work in the project area. No warranty, expressed or implied, is made regarding the professional opinions presented in this report. Variations in site conditions may exist and conditions not observed or described in this report may be encountered during subsequent activities. Please also note that this study did not include an evaluation of geotechnical conditions or potential geologic hazards.

Ninyo & Moore's opinions and recommendations regarding environmental conditions, as presented in this report, are based on limited subsurface assessment and chemical analysis. Further assessment of potential adverse environmental impacts from past on-site and/or nearby use of hazardous materials may be accomplished by a more comprehensive assessment. The samples collected and used for testing, and the observations made, are believed to be representative of the area(s) evaluated; however, conditions can vary significantly between sampling locations. Variations in soil and/or groundwater conditions will exist beyond the points explored in this evaluation.

The environmental interpretations and opinions contained in this report are based on the results of laboratory tests and analyses intended to detect the presence and concentration of specific chemical or physical constituents in samples collected from the subject Site. The testing and analyses have been conducted by an independent laboratory which is certified by the State of California to conduct such tests. Ninyo & Moore has no involvement in, or control over, such testing and analysis. Ninyo & Moore, therefore, disclaims responsibility for any inaccuracy in such laboratory results.

Our conclusions, recommendations, and opinions are based on an analysis of the observed site conditions. It should be understood that the conditions of a Site could change with time as a result of natural processes or the activities of man at the subject site or nearby sites. In addition, changes to the applicable laws, regulations, codes, and standards of practice may occur due to government action or the broadening of knowledge. The findings of this report may, therefore, be invalidated over time, in part or in whole, by changes over which Ninyo & Moore has no control.

This document is intended to be used only in its entirety. No portion of the document, by itself, is designed to completely represent any aspect of the project described herein. Ninyo & Moore should be contacted if the reader requires any additional information, or has questions regarding content, interpretations presented, or completeness of this document.

This report is intended exclusively for use by the client. Any use or reuse of the findings, conclusions, and/or recommendations of this report by parties other than the client is undertaken at said parties' sole risk.

10 REFERENCES

Department of Toxic Substances Control, 2020b, Human and Ecological Risk Office (HERO), Human Health Risk Assessment (HHRA) Note Number 11, Southern California Ambient Arsenic Screening Level, dated December 28.

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San Francisco Bay Regional Water Quality Control Board, 2019, Environmental Screening Levels, dated January.

SFBRWQCB, see San Francisco Bay Regional Water Quality Control Board.

United States Environmental Protection Agency, 2024, Regional Screening Levels (RSL) Summary Table, dated November.

Table 2 – Soil Sample Analytical Results – Title 22 Metals																	
Sample ID	Date Sample Collected	Title 22 Metals by EPA Method 6010B/7471A (mg/kg)															EPA Method 7471A (mg/kg)
		Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Molybdenum	Nickel	Silver	Vanadium	Zinc	Lithium	All Other Metals	Mercury
RC-1	6/5/25	7.61	121	ND<0.389	7.85	69.2	7.34	60.5	44.6	ND<3.89	21.5	5.48	34.2	167	ND<19.4	ND	0.198
RC-1-1	9/8/25	NA	NA	NA	3.81	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA
RC-1-5N-0.5	9/8/25	NA	NA	NA	9.51	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA
RC-1-5N-1	9/8/25	NA	NA	NA	1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA
RC-1-5SE-0.5	9/8/25	NA	NA	NA	14.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA
RC-1-5SE-1	9/8/25	10.9	NA	NA	2.14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA
RC-1-5SW-0.5	9/8/25	NA	NA	NA	8.64	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA
RC-1-5SW-1	9/8/25	NA	NA	NA	0.88	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA
RC-2	6/5/25	8.89	93.6	ND<0.403	0.423	22.7	6.65	27.5	39.5	ND<4.03	18.3	ND<2.02	30.5	143	ND<20.2	ND	ND<0.0887
RC-3	6/5/25	3.9	120	ND<0.396	0.693	18.6	6.79	21.9	25	ND<3.96	12.9	ND<1.98	32.5	108	ND<19.8	ND	ND<0.0868
RC-4	6/5/25	4.19	42.4	ND<0.376	1.33	22.3	3.45	17.8	14.4	ND<3.76	10.3	ND<1.88	18.8	65.5	ND<18.8	ND	ND<0.0887
RC-5	6/5/25	12.4	97.3	0.441	2.59	41.9	6.64	50.2	56.3	ND<3.84	22.2	2.03	34.1	126	ND<19.2	ND	0.141
RC-5-1	9/8/25	10.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA
RC-5-5NE-0.5	9/8/25	10.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA
RC-5-5SE-0.5	9/8/25	12.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA
RC-5-5SE-1	9/8/25	8.87	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA
RC-5-5W-0.5	9/8/25	9.83	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA
RC-6	6/5/25	ND<2.74	80.3	ND<0.365	ND<0.365	22.8	8.21	19.4	5.75	ND<3.65	15.4	ND<1.83	38.4	43.3	ND<18.3	ND	ND<0.0817
PP-1	6/5/25	6.75	94.8	ND<0.402	ND<0.402	11	5.26	16.1	7.55	ND<4.02	8.07	ND<2.01	27	68.8	ND<20.1	ND	ND<0.0817
PP-2	6/5/25	7.5	116	0.721	1.37	32.7	11	28.6	18.9	ND<3.7	23.2	ND<1.85	45.4	108	ND<18.5	ND	0.105
PP-3	6/5/25	6.57	121	0.428	2	30.5	8.71	26.5	19.8	ND<3.57	15.5	ND<1.78	37.4	110	ND<17.8	ND	0.0874
PP-4	6/5/25	16.6	206	0.637	2.95	63.6	11	115	96.1	5	27.4	2.65	43.9	744	ND<19.9	ND	0.12
PP-4-1	9/8/25	9.99	NA	NA	NA	NA	NA	NA	12.6	NA	NA	NA	NA	NA	NA	ND	NA
PP-4-5N-0.5	9/8/25	9.3	NA	NA	NA	NA	NA	NA	25.8	NA	NA	NA	NA	NA	NA	ND	NA
PP-4-5SE-0.5	9/8/25	10.2	NA	NA	NA	NA	NA	NA	20.6	NA	NA	NA	NA	NA	NA	ND	NA
PP-4-5SW-0.5	9/8/25	10.4	NA	NA	NA	NA	NA	NA	30.8	NA	NA	NA	NA	NA	NA	ND	NA
PP-5	6/5/25	4.35	88.2	0.37	0.981	24.2	5.81	19.2	12.9	ND<3.7	12.6	ND<1.85	31.4	97.2	ND<18.5	ND	ND<0.0868
PP-6	6/5/25	3.97	110	ND<0.397	1.9	30.3	7.14	28.7	16.8	ND<3.97	14.8	ND<1.98	32.3	108	ND<19.8	ND	0.101
GWPC-1	6/5/25	6.72	79.3	ND<0.377	2.03	25.1	7.1	24.2	8.53	ND<3.77	21.8	ND<1.88	41	62.4	ND<18.8	ND	ND<0.0887
GWPC-2	6/5/25	6.62	78	ND<0.389	0.427	40.2	11.9	26.4	9.56	ND<3.89	24.4	ND<1.94	57.7	69.1	23.9	ND	ND<0.0817
GWPC-3	6/5/25	10.5	108	0.521	0.782	34.5	9.87	25.5	13.2	ND<3.72	27.2	ND<1.86	46.7	71.9	20.9	ND	0.141
GWPC-4	6/5/25	8.98	114	0.463	1.41	40.9	7.91	24	20	ND<3.7	21.9	ND<1.85	45	64.3	ND<18.5	ND	ND<0.085
VL0-1	6/5/25	5.03	85.8	ND<0.393	ND<0.393	21.3	5.28	18.9	14.3	ND<3.93	13.7	ND<1.96	28.8	60.5	ND<19.6	ND	ND<0.0801
VL0-2	6/5/25	4.32	102	ND<0.391	ND<0.391	13.4	5.35	15.2	11.1	ND<3.91	12.4	ND<1.95	30.2	64.6	ND<19.5	ND	ND<0.085
TC-1	6/5/25	6.65	102	ND<0.392	0.824	25.8	6.47	26.1	21.3	ND<3.92	18.8	ND<1.96	33.8	90.4	ND<19.6	ND	ND<0.0801
TC-2	6/5/25	9.18	135	ND<0.389	1.01	31.2	8.85	28.9	14.1	ND<3.89	26.5	ND<1.95	47.9	94	22.1	ND	ND<0.0786
AV-1	6/5/25	8.36	168	0.738	0.399	27.6	13.4	15.9	24.8	ND<3.99	21.9	ND<1.99	51.8	77.3	ND<19.9	ND	0.308
AV-2	6/5/25	8.45	141	0.571	ND<0.38	25.7	10.8	21.2	18.1	ND<3.8	19.1	ND<1.9	44.7	66.3	ND<19	ND	0.0953

Table 2 – Soil Sample Analytical Results – Title 22 Metals

Sample ID	Date Sample Collected	Title 22 Metals by EPA Method 6010B/7471A (mg/kg)															EPA Method 7471A (mg/kg)
		Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Molybdenum	Nickel	Silver	Vanadium	Zinc	Lithium	All Other Metals	Mercury
Regulatory Screening Levels (mg/kg)																	
EPA RSLs (Residential Soil)		0.68	15,000*	160*	7.1*	NL	23*	3,100*	200*	390*	1,400*	390*	390*	23,000*	160*	Various	7.1*
EPA RSLs (Commercial Soil)		3	220,000*	2,300*	100*	NL	350*	47,000*	800*	5,800*	17,000*	5,800*	5,800*	350,000*	2,300*	Various	30*
DTSC HERO HHRA (Residential Soil)		0.11	NL	16*	7.1*	NL	NL	NL	80*	NL	820*	NL	NL	NL	NL	Various	1*
DTSC HERO HHRA (Commercial Soil)		0.36	NL	230*	100*	NL	NL	NL	500*	NL	11,000*	NL	NL	NL	NL	Various	4.4*
DTSC SoCal Ambient Arsenic SL		12	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Notes:
* - non-cancer endpoint
Bolded red indicates exceedance of most applicable regulatory screening level(s) by a detection.
DTSC HERO HHRA - Department of Toxic Substances Control Human and Ecological Risk Office Human Health Risk Assessment, Note 3, Recommended Screening Levels for Soil (June 2020 - revised March 2025)
DTSC SoCal Ambient Arsenic SL - DTSC HHRA Note Number 11 Southern California Ambient Arsenic Screening Level (December 2020)
EPA - United States Environmental Protection Agency
ID - identification
mg/kg - milligrams per kilogram
ND/ND< - not detected above the laboratory method detection limit
NL - not listed
RSLs - United States Environmental Protection Agency, Regional Screening Levels (November 2024)

Table 3 – Soil Sample Analytical Results – VOCs

Sample ID	Date Sample Collected	VOCs by EPA Method 8260B (mg/kg)					
		Acetone	Benzene	Carbon Disulfide	para-Isopropyl Toluene	Toluene	All Other VOCs
RC-1	6/5/25	0.098	ND<0.0015	ND<0.015	ND<0.0015	ND<0.0015	ND
RC-2	6/5/25	ND<0.02	ND<0.00098	ND<0.0098	ND<0.00098	ND<0.00098	ND
RC-3	6/5/25	0.15	ND<0.0017	ND<0.017	ND<0.0017	ND<0.0017	ND
RC-4	6/5/25	ND<0.02	ND<0.00099	ND<0.0099	ND<0.00099	ND<0.00099	ND
RC-5	6/5/25	0.18	ND<0.0014	ND<0.014	ND<0.0014	ND<0.0014	ND
RC-6	6/5/25	0.086	ND<0.00094	ND<0.0094	ND<0.00094	ND<0.00094	ND
PP-1	6/5/25	0.16	ND<0.0012	ND<0.012	0.0053	ND<0.0012	ND
PP-2	6/5/25	ND<0.019	ND<0.00097	ND<0.0097	ND<0.00097	ND<0.00097	ND
PP-3	6/5/25	0.18	ND<0.0012	ND<0.012	ND<0.0012	ND<0.0012	ND
PP-4	6/5/25	1.9 E	0.013	ND<0.037	0.018	0.014	ND
PP-5	6/5/25	0.46 E	ND<0.0023	ND<0.023	ND<0.0023	ND<0.0023	ND
PP-6	6/5/25	0.39 E	ND<0.0019	ND<0.019	ND<0.0019	ND<0.0019	ND
GWPC-1	6/5/25	0.19	ND<0.0015	ND<0.015	ND<0.0015	ND<0.0015	ND
GWPC-2	6/5/25	0.12	ND<0.0012	ND<0.012	ND<0.0012	ND<0.0012	ND
GWPC-3	6/5/25	0.1	ND<0.0014	0.027	ND<0.0014	ND<0.0014	ND
GWPC-4	6/5/25	0.062	ND<0.0014	ND<0.014	ND<0.0014	ND<0.0014	ND
VL0-1	6/5/25	0.17	ND<0.0012	ND<0.012	0.0016	ND<0.0012	ND
VL0-2	6/5/25	0.27	ND<0.0017	ND<0.017	ND<0.0017	ND<0.0017	ND
TC-1	6/5/25	0.53 E	ND<0.0017	ND<0.017	ND<0.0017	ND<0.0017	ND
TC-2	6/5/25	ND<0.02	ND<0.00098	ND<0.0098	ND<0.00098	ND<0.00098	ND
AV-1	6/5/25	0.17	ND<0.0013	ND<0.013	ND<0.0013	ND<0.0013	ND
AV-2	6/5/25	ND<0.02	ND<0.00099	ND<0.0099	ND<0.00099	ND<0.00099	ND
Regulatory Screening Levels (mg/kg)							
EPA RSLs (Residential Soil)		70,000*	1.2	770*	170*	4,900*	Various
EPA RSLs (Commercial Soil)		1,100,000*	5.1	3,500*	1,100*	47,000*	Various
DTSC HERO HHRA (Residential Soil)		NL	0.33	NL	NL	1,400*	Various
DTSC HERO HHRA (Commercial Soil)		NL	1.4	NL	NL	5,300*	Various

Notes:

* - non-cancer endpoint

Bolded red indicates exceedance of most applicable regulatory screening level(s) by a detection.

E - The results from the low-level analysis are provided and have been flagged as estimated

DTSC HERO HHRA - Department of Toxic Substances Control Human and Ecological Risk Office Human Health Risk Assessment, Note 3, Recommended Screening Levels for Soil (June 2020 - revised March 2025)

EPA - United States Environmental Protection Agency

ID - identification

mg/kg - milligrams per kilogram

mg/L - milligrams per liter

ND/ND< - not detected above the laboratory method detection limit

NL - not listed

RSLs - United States Environmental Protection Agency, Regional Screening Levels (November 2024)

VOCs - Volatile Organic Compounds

Table 4 – Soil Sample Analytical Results – PAHs and Asbestos

Sample ID	Date Sample Collected	PAHs by EPA Method 8270C SIM (mg/kg)												Asbestos Analyzed Qualitatively by PLM EPA Method 600
		1-Methylnaphthalene	2-Methylnaphthalene	Acenaphthylene	Anthracene	Benzo[b]fluoranthene	Chrysene	Fluoranthene	Fluorene	Naphthalene	Phenanthrene	Pyrene	All Other PAHs	Asbestos
RC-1	6/5/25	ND<0.02	ND<0.02	ND<0.02	ND<0.02	ND<0.02	ND<0.02	ND<0.02	ND<0.02	ND<0.02	ND<0.02	ND<0.02	ND	ND
RC-2	6/5/25	ND<0.02	ND<0.02	ND<0.02	ND<0.02	ND<0.02	ND<0.02	0.026	ND<0.02	ND<0.02	ND<0.02	0.023	ND	ND
RC-3	6/5/25	ND<0.02	ND<0.02	ND<0.02	ND<0.02	ND<0.02	ND<0.02	ND<0.02	ND<0.02	ND<0.02	ND<0.02	ND<0.02	ND	ND
RC-4	6/5/25	ND<0.02	ND<0.02	ND<0.02	ND<0.02	ND<0.02	ND<0.02	ND<0.02	ND<0.02	ND<0.02	ND<0.02	ND<0.02	ND	ND
RC-5	6/5/25	ND<0.02	ND<0.02	ND<0.02	ND<0.02	ND<0.02	ND<0.02	ND<0.02	ND<0.02	ND<0.02	ND<0.02	ND<0.02	ND	ND
RC-6	6/5/25	ND<0.02	ND<0.02	ND<0.02	ND<0.02	ND<0.02	ND<0.02	ND<0.02	ND<0.02	ND<0.02	ND<0.02	ND<0.02	ND	ND
PP-1	6/5/25	ND<0.02	ND<0.02	ND<0.02	ND<0.02	ND<0.02	ND<0.02	ND<0.02	ND<0.02	ND<0.02	ND<0.02	ND<0.02	ND	ND
PP-2	6/5/25	ND<0.02	ND<0.02	ND<0.02	ND<0.02	0.022	0.022	ND<0.02	0.022	ND<0.02	0.024	ND<0.02	ND	ND
PP-3	6/5/25	ND<0.02	ND<0.02	ND<0.02	ND<0.02	ND<0.02	ND<0.02	ND<0.02	ND<0.02	ND<0.02	ND<0.02	ND<0.02	ND	ND
PP-4	6/5/25	0.18	0.24	0.057	0.044	ND<0.02	0.035	0.14	0.091	0.55	0.27	0.11	ND	ND
PP-5	6/5/25	ND<0.02	ND<0.02	ND<0.02	ND<0.02	ND<0.02	ND<0.02	ND<0.02	ND<0.02	ND<0.02	ND<0.02	ND<0.02	ND	ND
PP-6	6/5/25	ND<0.02	ND<0.02	ND<0.02	ND<0.02	ND<0.02	ND<0.02	ND<0.02	ND<0.02	ND<0.02	ND<0.02	ND<0.02	ND	ND
GWPC-1	6/5/25	ND<0.02	ND<0.02	ND<0.02	ND<0.02	ND<0.02	ND<0.02	ND<0.02	ND<0.02	ND<0.02	ND<0.02	ND<0.02	ND	ND
GWPC-2	6/5/25	ND<0.02	ND<0.02	ND<0.02	ND<0.02	ND<0.02	ND<0.02	ND<0.02	ND<0.02	ND<0.02	ND<0.02	ND<0.02	ND	ND
GWPC-3	6/5/25	ND<0.02	ND<0.02	ND<0.02	ND<0.02	ND<0.02	ND<0.02	ND<0.02	ND<0.02	ND<0.02	ND<0.02	ND<0.02	ND	ND
GWPC-4	6/5/25	ND<0.02	ND<0.02	ND<0.02	ND<0.02	ND<0.02	ND<0.02	ND<0.02	ND<0.02	ND<0.02	ND<0.02	ND<0.02	ND	ND
VL0-1	6/5/25	ND<0.02	ND<0.02	ND<0.02	ND<0.02	ND<0.02	ND<0.02	ND<0.02	ND<0.02	ND<0.02	ND<0.02	ND<0.02	ND	ND
VL0-2	6/5/25	ND<0.2	ND<0.2	ND<0.2	ND<0.2	ND<0.2	ND<0.2	ND<0.2	ND<0.2	ND<0.2	ND<0.2	ND<0.2	ND	ND
TC-1	6/5/25	ND<0.02	ND<0.02	ND<0.02	ND<0.02	ND<0.02	ND<0.02	ND<0.02	ND<0.02	ND<0.02	ND<0.02	ND<0.02	ND	ND
TC-2	6/5/25	ND<0.02	ND<0.02	ND<0.02	ND<0.02	ND<0.02	ND<0.02	ND<0.02	ND<0.02	ND<0.02	ND<0.02	ND<0.02	ND	ND
AV-1	6/5/25	ND<0.02	ND<0.02	ND<0.02	ND<0.02	ND<0.02	ND<0.02	ND<0.02	ND<0.02	ND<0.02	ND<0.02	ND<0.02	ND	ND
AV-2	6/5/25	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND	ND
Regulatory Screening Levels (mg/kg)														
EPA RSLs (Residential Soil)		0.18*	240*	NL	18,000*	1.1	110	2,400*	2,400*	2	NL	1,800*	Various	NL
EPA RSLs (Commercial Soil)		0.77*	3,000*	NL	230,000*	21	2,100	30,000*	30,000*	8.6	NL	23,000*	Various	NL
DTSC HERO HHRA (Residential Soil)		0.18*	190*	NL	18,000*	1.1	110	2,400*	2,400*	2	NL	1,800*	Various	NL
DTSC HERO HHRA (Commercial Soil)		0.77*	1,500*	NL	170,000*	17	1,700	24,000*	21,000*	7.6	NL	18,000*	Various	NL

Notes:

* - non-cancer endpoint

Bolded red indicates exceedance of most applicable regulatory screening level(s) by a detection, or that a non-detection for which the laboratory reporting limit (or method detection limit) exceeds the most applicable regulatory screening level(s).

DTSC HERO HHRA - Department of Toxic Substances Control Human and Ecological Risk Office Human Health Risk Assessment, Note 3, Recommended Screening Levels for Soil (June 2020 - revised March 2025)

EPA - United States Environmental Protection Agency

ID - identification

mg/kg - milligrams per kilogram

mg/L - milligrams per liter

ND/ND< - not detected above the laboratory method detection limit

NL - not listed

PAHs - polycyclic aromatic hydrocarbons

PLM - polarized light microscopy

RSLs - United States Environmental Protection Agency, Regional Screening Levels (November 2024)

Table 5 – Air Sample Analytical Results – VOCs

Sample ID	Date Sample Collected	VOCs by EPA Method TO-15 SIM (µg/m³)																				
		1,1,1-Trichloroethane	1,1,2,2-Tetrachloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,2-Dibromoethane	1,2-Dichloroethane	Benzene	Carbon Tetrachloride	Chloroform	Chloromethane	cis-1,2-Dichloroethene	Ethylbenzene	Freon 114	Freon 12	Tetrachloroethene	Toluene	Trichloroethene	Vinyl Chloride	m,p-Xylenes	o-Xylene	All Other VOCs
PP-IA	6/5/25	0.21	ND<0.074 M	0.019 J	0.031 J	ND<0.011 M	0.060 J	0.10 J	0.37	0.079 J	0.83 J	1.8	0.12 J	0.096 J	1.8	7.2	0.35	0.18	ND<0.013 M	0.40	0.14 J	ND
PP-IA	9/11/25	NA	ND<0.34	NA	NA	NA	NA	0.18	NA	NA	NA	NA	NA	NA	NA	ND<0.17	NA	NA	NA	NA	NA	NA
PP-OA	6/5/25	ND<0.18	ND<0.073 M	ND<0.14	ND<0.066	ND<0.011 M	0.052 J	0.061 J	0.38	0.058 J	0.78 J	ND<0.13	0.019 J	0.10 J	1.9	0.017 J	0.078 J	ND<0.18	ND<0.013 M	0.045 J	0.027 J	ND
PP-OA	9/11/25	NA	ND<0.34	NA	NA	NA	NA	0.18	NA	NA	NA	NA	NA	NA	NA	ND<0.17	NA	NA	NA	NA	NA	NA
RC-IA	6/5/25	ND<0.18	ND<0.074 M	ND<0.14	ND<0.067	ND<0.011 M	0.047 J	0.11 J	0.36	0.067 J	0.86 J	ND<0.13	0.036 J	0.10 J	1.8	ND<0.23	0.19 J	ND<0.18	ND<0.013 M	0.11 J	0.042 J	ND
RC-IA	9/11/25	NA	ND<0.34	NA	NA	NA	NA	0.26	NA	NA	NA	NA	NA	NA	NA	ND<0.17	NA	NA	NA	NA	NA	NA
RC-OA	6/5/25	ND<0.18	ND<0.072 M	ND<0.13	ND<0.066	ND<0.011 M	0.05 J	0.11 J	0.38	0.061 J	0.79 J	ND<0.13	0.034 J	0.10 J	1.9	0.12 J	0.20 J	ND<0.18	ND<0.013 M	0.10 J	0.040 J	ND
RC-OA	9/11/25	NA	ND<0.34	NA	NA	NA	NA	0.25	NA	NA	NA	NA	NA	NA	NA	ND<0.17	NA	NA	NA	NA	NA	NA
Regulatory Screening Levels (µg/m³)																						
EPA RSLs (Residential Air)		5,200*	0.048	1.8	4.1*	0.0047	0.11	0.36	0.47	0.12	94*	42*	1.1	NL	100*	11	5,200*	0.48	0.17	NL	100*	Various
EPA RSLs (Commercial Air)		22,000*	0.21	7.7	17*	0.02	0.47	1.6	2	0.53	390*	180*	4.9	NL	440*	47	22,000*	3	2.8	NL	440*	Various
DTSC HERO HHRA (Residential Air)		1,000*	0.048	1.8	NL	0.0047	NL	0.097	0.47	NL	NL	NL	NL	NL	NL	0.46	440*	NL	0.0095	NL	NL	Various
DTSC HERO HHRA (Commercial Air)		4,400*	0.21	7.7	310*	0.02	NL	0.42	2	NL	NL	35*	NL	NL	NL	2	1,300*	NL	0.16	NL	NL	Various

Notes:
* - non-cancer endpoint
Bolded red indicates exceedance of most applicable regulatory screening level(s) by a detection, or that a non-detection for which the laboratory reporting limit (or method detection limit) exceeds the most applicable regulatory screening level(s).
J - indicates a detection between the method detection limit and laboratory reporting limit
M - indicates ND< value is the method detection limit, rather than the laboratory reporting limit
DTSC HERO HHRA - Department of Toxic Substances Control Human and Ecological Risk Office Human Health Risk Assessment, Note 3, Recommended Screening Levels for Ambient Air (June 2020 - revised March 2025)
EPA - United States Environmental Protection Agency
ID - identification
µg/m³ - milligrams per meter cubed
NA - not analyzed
ND/ND< - not detected above the laboratory method detection limit
NL - not listed
RSLs - United States Environmental Protection Agency, Regional Screening Levels (November 2024)

Table 6 – Air Sample Analytical Results – PAHs

Sample ID	Date Sample Collected	PAHs by EPA Method TO-13A (µg/m ³)		
		2-Methylnaphthalene	Naphthalene	All Other PAHs
PP-IA	6/5/25	0.97 J	2.1 JB	ND
PP-OA	6/5/25	ND<2.2	ND<2.2	ND
RC-IA	6/5/25	ND<2.2	1.3 JB	ND
RC-OA	6/5/25	ND<2.2	ND<2.2	ND
Regulatory Screening Levels (µg/m ³)				
EPA RSLs (Residential Air)		NL	0.083	Various
EPA RSLs (Commercial Air)		NL	0.36	Various
DTSC HERO HHRA (Residential Air)		17*	NL	Various
DTSC HERO HHRA (Commercial Air)		70*	NL	Various

Notes:

* - non-cancer endpoint

B - indicates the compound was present in the laboratory blank greater than the reporting limit

J - indicates a detection between the method detection limit and laboratory reporting limit

DTSC HERO HHRA - Department of Toxic Substances Control Human and Ecological Risk Office Human Health Risk Assessment, Note 3, Recommended Screening Levels for Ambient Air (June 2020 - revised March 2025)

EPA - United States Environmental Protection Agency

ID - identification

µg/m³ - milligrams per liter

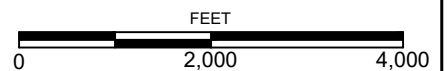
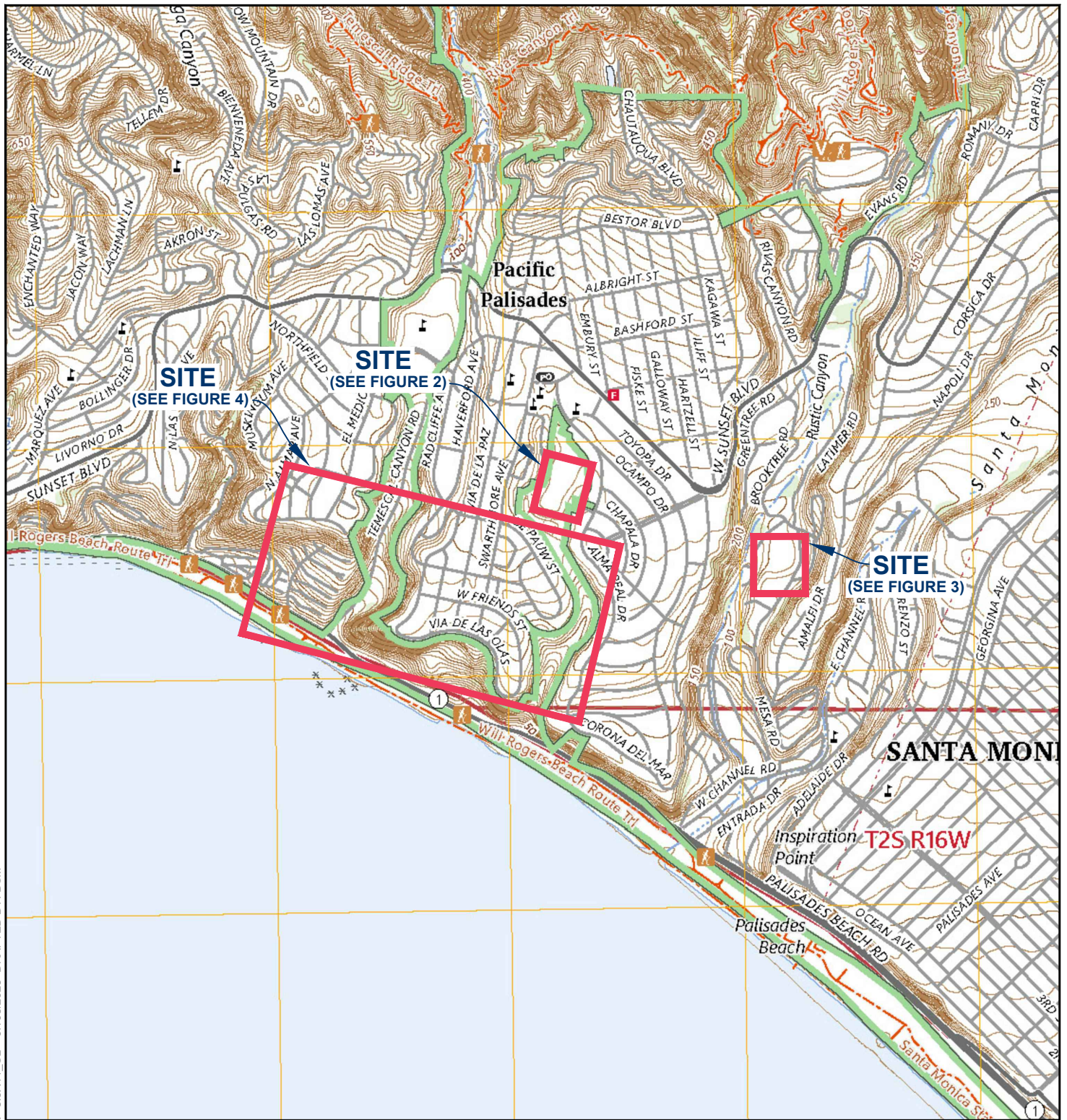
ND/ND< - not detected above the laboratory method detection limit

NL - not listed

RSLs - United States Environmental Protection Agency, Regional Screening Levels (November 2024)



FIGURES



NOTE: DIMENSIONS, DIRECTIONS AND LOCATIONS ARE APPROXIMATE. | REFERENCE: USGS,

FIGURE 1

SITE LOCATIONS

PACIFIC PALISADES AND RUSTIC CANYON AREAS
VARIOUS LOCATIONS
PACIFIC PALISADES AND SANTA MONICA, CALIFORNIA

211750006 | 10/25

Ninyo & Moore

A SOCOTEC COMPANY

211750006b_figures.dwg_V 8.5X11_SP 07/08/2025 DRAFTED BY: BSM



LEGEND

- PP-6  SOIL SAMPLE
- PP-1A  INDOOR AIR SAMPLE
- PP-0A  OUTDOOR AIR SAMPLE

NOTE: DIMENSIONS, DIRECTIONS AND LOCATIONS ARE APPROXIMATE. | REFERENCE: GOOGLE EARTH, 2025.

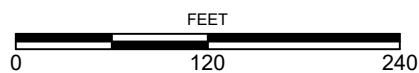


FIGURE 2

SOIL AND INDOOR/OUTDOOR AIR SAMPLE LOCATIONS - PACIFIC PALISADES PARK AND RECREATION CENTER

PACIFIC PALISADES AND RUSTIC CANYON AREAS
851 ALMA REAL DRIVE
PACIFIC PALISADES, CALIFORNIA

211750006 | 10/25

Ninyo & Moore

A SOCOTEC COMPANY

211750006b_figures.dwg_V 8.5X11_SP (2) 07/08/2025 DRAFTED BY: BSM



LEGEND

- RC-6  SOIL SAMPLE
- RC-1A  INDOOR AIR SAMPLE
- RC-0A  OUTDOOR AIR SAMPLE

NOTE: DIMENSIONS, DIRECTIONS AND LOCATIONS ARE APPROXIMATE. | REFERENCE: GOOGLE EARTH, 2025.

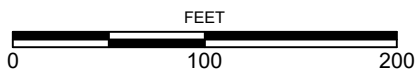


FIGURE 3

SOIL AND INDOOR/OUTDOOR AIR SAMPLE LOCATIONS - RUSTIC CANYON PARK AND RECREATION CENTER

PACIFIC PALISADES AND RUSTIC CANYON AREAS
601 LATIMER ROAD
SANTA MONICA, CALIFORNIA

211750006 | 10/25

Ninyo & Moore

A SOCOTEC COMPANY

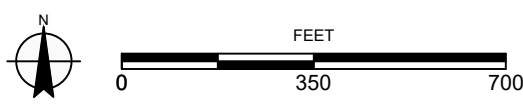
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LEGEND

GWPC-4  SOIL SAMPLE

NOTE: DIMENSIONS, DIRECTIONS AND LOCATIONS ARE APPROXIMATE. | REFERENCE: GOOGLE EARTH, 2025.





APPENDIX A

Analytical Laboratory Reports

ANALYTICAL REPORT

PREPARED FOR

Attn: Jeff Aguilar
Ninyo & Moore
475 Goddard St. Suite 200
Irvine, California 92618

Generated 6/19/2025 12:25:56 PM

JOB DESCRIPTION

LARAP Pacific Palisades & Rustic Canyons

JOB NUMBER

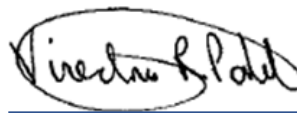
570-233498-1

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Calscience Project Manager.

Authorization



Authorized for release by
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(714)895-5494

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Definitions/Glossary

Client: Ninyo & Moore
Project/Site: LARAP Pacific Palisades & Rustic Canyons

Job ID: 570-233498-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
E	Result exceeded calibration range.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
me	LCS Recovery is within Marginal Exceedance (ME) control limit range (± 4 SD from the mean).

Metals

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Ninyo & Moore
Project: LARAP Pacific Palisades & Rustic Canyons

Job ID: 570-233498-1

Job ID: 570-233498-1

Eurofins Calscience

Job Narrative 570-233498-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 6/5/2025 6:38 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.3°C.

Subcontract Work

Method Asbestos PLM EPA 600/R-93/116 (Qualitative): This method was subcontracted to Eurofins Built Environment Testing. The subcontract laboratory certification is different from that of the facility issuing the final report. The subcontract report is appended in its entirety.

GC/MS VOA

Method 8260B: The following analyte(s) recovered outside control limits for the LCSD associated with analytical batch 570-582439: Vinyl acetate. This is not indicative of a systematic control problem because these were random marginal exceedances. Qualified results have been reported.

Method 8260B: The following analyte(s) recovered outside control limits for the LCSD associated with preparation batch 570-583296 and analytical batch 570-583354: 1,2,3-Trichloropropane and 1,2-Dibromo-3-Chloropropane. This is not indicative of a systematic control problem because these were random marginal exceedances. Qualified results have been reported.

Method 8260B: The matrix spike / matrix spike duplicate (MS/MSD) precision for preparation batch 570-583296 and analytical batch 570-583354 was outside control limits. Sample matrix interference is suspected.

Method 8260B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 570-581594. The laboratory control sample (LCS) was performed in duplicate (LCSD) to provide precision data for this batch.

Method 8260B: The following sample was analyzed via a low-level analysis and a high-level (i.e., methanol extract) analysis. The low-level analysis resulted in a value for Acetone above the upper calibration range. The high-level analysis resulted in a non-detect for this analyte in the lowest possible dilution utilized. The results from the low-level analysis are provided and have been flagged as estimated. PP-6 (570-233498-12) and TC-1 (570-233498-19)

Method 8260B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 570-581820. The laboratory control sample (LCS) was performed in duplicate (LCSD) to provide precision data for this batch.

Method 8260B: The following sample was analyzed via a low-level analysis and a high-level (i.e., methanol extract) analysis. The low-level analysis resulted in a value for Acetone above the upper calibration range. The high-level analysis resulted in a non-detect for this analyte in the lowest possible dilution utilized. The results from the low-level analysis are provided and have been flagged as estimated. PP-4 (570-233498-10) and PP-5 (570-233498-11)

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC/MS Semi VOA

Method 8270C_SIM_PAH: The following sample was diluted due to the nature of the sample matrix: VL0-2 (570-233498-18). Elevated reporting limits (RLs) are provided.

Eurofins Calscience

Case Narrative

Client: Ninyo & Moore
Project: LARAP Pacific Palisades & Rustic Canyons

Job ID: 570-233498-1

Job ID: 570-233498-1 (Continued)

Eurofins Calscience

Method 8270C_SIM_PAH: The following sample was diluted due to the nature of the sample matrix: AV-2 (570-233498-22). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals

Method 6010B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 570-583399 and analytical batch 570-585913 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 6010B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 570-583219 and analytical batch 570-586040 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 7471A: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 570-582486 and analytical batch 570-582642 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

Method 7471A: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 570-582486 and analytical batch 570-582642 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Subcontract Work

Method Asbestos PLM EPA 600/R-93/116 (Qualitative): This method was subcontracted to Eurofins Built Environment Testing. The subcontract laboratory certification is different from that of the facility issuing the final report. The subcontract report is appended in its entirety.

Eurofins Calscience

Detection Summary

Client: Ninyo & Moore

Job ID: 570-233498-1

Project/Site: LARAP Pacific Palisades & Rustic Canyons

Client Sample ID: RC-1

Lab Sample ID: 570-233498-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	98		29		ug/Kg	1		8260B	Total/NA
Arsenic	7.61		2.91		mg/Kg	2		6010B	Total/NA
Barium	121		1.94		mg/Kg	2		6010B	Total/NA
Cadmium	7.85		0.389		mg/Kg	2		6010B	Total/NA
Chromium	69.2		0.971		mg/Kg	2		6010B	Total/NA
Cobalt	7.34		1.94		mg/Kg	2		6010B	Total/NA
Copper	60.5		1.94		mg/Kg	2		6010B	Total/NA
Lead	44.6		1.94		mg/Kg	2		6010B	Total/NA
Nickel	21.5		1.94		mg/Kg	2		6010B	Total/NA
Silver	5.48		1.94		mg/Kg	2		6010B	Total/NA
Vanadium	34.2		3.89		mg/Kg	2		6010B	Total/NA
Zinc	167		3.89		mg/Kg	2		6010B	Total/NA
Mercury	0.198	F2 F1	0.0868		mg/Kg	1		7471A	Total/NA

Client Sample ID: RC-2

Lab Sample ID: 570-233498-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Fluoranthene	0.026		0.020		mg/Kg	1		8270C SIM	Total/NA
Pyrene	0.023		0.020		mg/Kg	1		8270C SIM	Total/NA
Arsenic	8.89		3.02		mg/Kg	2		6010B	Total/NA
Barium	93.6		2.02		mg/Kg	2		6010B	Total/NA
Cadmium	0.423		0.403		mg/Kg	2		6010B	Total/NA
Chromium	22.7		1.01		mg/Kg	2		6010B	Total/NA
Cobalt	6.65		2.02		mg/Kg	2		6010B	Total/NA
Copper	27.5		2.02		mg/Kg	2		6010B	Total/NA
Lead	39.5		2.02		mg/Kg	2		6010B	Total/NA
Nickel	18.3		2.02		mg/Kg	2		6010B	Total/NA
Vanadium	30.5		4.03		mg/Kg	2		6010B	Total/NA
Zinc	143		4.03		mg/Kg	2		6010B	Total/NA

Client Sample ID: RC-3

Lab Sample ID: 570-233498-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	150		35		ug/Kg	1		8260B	Total/NA
Arsenic	3.90		2.97		mg/Kg	2		6010B	Total/NA
Barium	120		1.98		mg/Kg	2		6010B	Total/NA
Cadmium	0.693		0.396		mg/Kg	2		6010B	Total/NA
Chromium	18.6		0.989		mg/Kg	2		6010B	Total/NA
Cobalt	6.79		1.98		mg/Kg	2		6010B	Total/NA
Copper	21.9		1.98		mg/Kg	2		6010B	Total/NA
Lead	25.0		1.98		mg/Kg	2		6010B	Total/NA
Nickel	12.9		1.98		mg/Kg	2		6010B	Total/NA
Vanadium	32.5		3.96		mg/Kg	2		6010B	Total/NA
Zinc	108		3.96		mg/Kg	2		6010B	Total/NA

Client Sample ID: RC-4

Lab Sample ID: 570-233498-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	4.19		2.82		mg/Kg	2		6010B	Total/NA
Barium	42.4		1.88		mg/Kg	2		6010B	Total/NA
Cadmium	1.33		0.376		mg/Kg	2		6010B	Total/NA
Chromium	22.3		0.939		mg/Kg	2		6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Calscience

Detection Summary

Client: Ninyo & Moore
Project/Site: LARAP Pacific Palisades & Rustic Canyons

Job ID: 570-233498-1

Client Sample ID: RC-4 (Continued)

Lab Sample ID: 570-233498-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	3.45		1.88		mg/Kg	2		6010B	Total/NA
Copper	17.8		1.88		mg/Kg	2		6010B	Total/NA
Lead	14.4		1.88		mg/Kg	2		6010B	Total/NA
Nickel	10.3		1.88		mg/Kg	2		6010B	Total/NA
Vanadium	18.8		3.76		mg/Kg	2		6010B	Total/NA
Zinc	65.5		3.76		mg/Kg	2		6010B	Total/NA

Client Sample ID: RC-5

Lab Sample ID: 570-233498-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	180		28		ug/Kg	1		8260B	Total/NA
Arsenic	12.4		2.88		mg/Kg	2		6010B	Total/NA
Barium	97.3		1.92		mg/Kg	2		6010B	Total/NA
Beryllium	0.441		0.384		mg/Kg	2		6010B	Total/NA
Cadmium	2.59		0.384		mg/Kg	2		6010B	Total/NA
Chromium	41.9		0.959		mg/Kg	2		6010B	Total/NA
Cobalt	6.64		1.92		mg/Kg	2		6010B	Total/NA
Copper	50.2		1.92		mg/Kg	2		6010B	Total/NA
Lead	56.3		1.92		mg/Kg	2		6010B	Total/NA
Nickel	22.2		1.92		mg/Kg	2		6010B	Total/NA
Silver	2.03		1.92		mg/Kg	2		6010B	Total/NA
Vanadium	34.1		3.84		mg/Kg	2		6010B	Total/NA
Zinc	126		3.84		mg/Kg	2		6010B	Total/NA
Mercury	0.141		0.0887		mg/Kg	1		7471A	Total/NA

Client Sample ID: RC-6

Lab Sample ID: 570-233498-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	86		19		ug/Kg	1		8260B	Total/NA
Barium	80.3		1.83		mg/Kg	2		6010B	Total/NA
Chromium	22.8		0.913		mg/Kg	2		6010B	Total/NA
Cobalt	8.21		1.83		mg/Kg	2		6010B	Total/NA
Copper	19.4		1.83		mg/Kg	2		6010B	Total/NA
Lead	5.75		1.83		mg/Kg	2		6010B	Total/NA
Nickel	15.4		1.83		mg/Kg	2		6010B	Total/NA
Vanadium	38.4		3.65		mg/Kg	2		6010B	Total/NA
Zinc	43.3		3.65		mg/Kg	2		6010B	Total/NA

Client Sample ID: PP-1

Lab Sample ID: 570-233498-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	160		24		ug/Kg	1		8260B	Total/NA
p-Isopropyltoluene	5.3		1.2		ug/Kg	1		8260B	Total/NA
Arsenic	6.75		3.01		mg/Kg	2		6010B	Total/NA
Barium	94.8		2.01		mg/Kg	2		6010B	Total/NA
Chromium	11.0		1.00		mg/Kg	2		6010B	Total/NA
Cobalt	5.26		2.01		mg/Kg	2		6010B	Total/NA
Copper	16.1		2.01		mg/Kg	2		6010B	Total/NA
Lead	7.55		2.01		mg/Kg	2		6010B	Total/NA
Nickel	8.07		2.01		mg/Kg	2		6010B	Total/NA
Vanadium	27.0		4.02		mg/Kg	2		6010B	Total/NA
Zinc	68.8		4.02		mg/Kg	2		6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Calscience

Detection Summary

Client: Ninyo & Moore
Project/Site: LARAP Pacific Palisades & Rustic Canyons

Job ID: 570-233498-1

Client Sample ID: PP-2

Lab Sample ID: 570-233498-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[b]fluoranthene	0.022		0.020		mg/Kg	1		8270C SIM	Total/NA
Chrysene	0.022		0.020		mg/Kg	1		8270C SIM	Total/NA
Fluorene	0.022		0.020		mg/Kg	1		8270C SIM	Total/NA
Phenanthrene	0.024		0.020		mg/Kg	1		8270C SIM	Total/NA
Arsenic	7.50		2.77		mg/Kg	2		6010B	Total/NA
Barium	116		1.85		mg/Kg	2		6010B	Total/NA
Beryllium	0.721		0.370		mg/Kg	2		6010B	Total/NA
Cadmium	1.37		0.370		mg/Kg	2		6010B	Total/NA
Chromium	32.7		0.924		mg/Kg	2		6010B	Total/NA
Cobalt	11.0		1.85		mg/Kg	2		6010B	Total/NA
Copper	28.6		1.85		mg/Kg	2		6010B	Total/NA
Lead	18.9		1.85		mg/Kg	2		6010B	Total/NA
Nickel	23.2		1.85		mg/Kg	2		6010B	Total/NA
Vanadium	45.4		3.70		mg/Kg	2		6010B	Total/NA
Zinc	108		3.70		mg/Kg	2		6010B	Total/NA
Mercury	0.105		0.0833		mg/Kg	1		7471A	Total/NA

Client Sample ID: PP-3

Lab Sample ID: 570-233498-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	180		24		ug/Kg	1		8260B	Total/NA
Arsenic	6.57		2.68		mg/Kg	2		6010B	Total/NA
Barium	121		1.78		mg/Kg	2		6010B	Total/NA
Beryllium	0.428		0.357		mg/Kg	2		6010B	Total/NA
Cadmium	2.00		0.357		mg/Kg	2		6010B	Total/NA
Chromium	30.5		0.892		mg/Kg	2		6010B	Total/NA
Cobalt	8.71		1.78		mg/Kg	2		6010B	Total/NA
Copper	26.5		1.78		mg/Kg	2		6010B	Total/NA
Lead	19.8		1.78		mg/Kg	2		6010B	Total/NA
Nickel	15.5		1.78		mg/Kg	2		6010B	Total/NA
Vanadium	37.4		3.57		mg/Kg	2		6010B	Total/NA
Zinc	110		3.57		mg/Kg	2		6010B	Total/NA
Mercury	0.0874		0.0817		mg/Kg	1		7471A	Total/NA

Client Sample ID: PP-4

Lab Sample ID: 570-233498-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	1900	E	75		ug/Kg	1		8260B	Total/NA
Benzene	13		3.7		ug/Kg	1		8260B	Total/NA
p-Isopropyltoluene	18		3.7		ug/Kg	1		8260B	Total/NA
Toluene	14		3.7		ug/Kg	1		8260B	Total/NA
1-Methylnaphthalene	0.18		0.020		mg/Kg	1		8270C SIM	Total/NA
2-Methylnaphthalene	0.24		0.020		mg/Kg	1		8270C SIM	Total/NA
Acenaphthylene	0.057		0.020		mg/Kg	1		8270C SIM	Total/NA
Anthracene	0.044		0.020		mg/Kg	1		8270C SIM	Total/NA
Chrysene	0.035		0.020		mg/Kg	1		8270C SIM	Total/NA
Fluoranthene	0.14		0.020		mg/Kg	1		8270C SIM	Total/NA
Fluorene	0.091		0.020		mg/Kg	1		8270C SIM	Total/NA
Naphthalene	0.55		0.020		mg/Kg	1		8270C SIM	Total/NA
Phenanthrene	0.27		0.020		mg/Kg	1		8270C SIM	Total/NA
Pyrene	0.11		0.020		mg/Kg	1		8270C SIM	Total/NA
Arsenic	16.6		2.99		mg/Kg	2		6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Calscience

Detection Summary

Client: Ninyo & Moore
Project/Site: LARAP Pacific Palisades & Rustic Canyons

Job ID: 570-233498-1

Client Sample ID: PP-4 (Continued)

Lab Sample ID: 570-233498-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	206		1.99		mg/Kg	2		6010B	Total/NA
Beryllium	0.637		0.398		mg/Kg	2		6010B	Total/NA
Cadmium	2.95		0.398		mg/Kg	2		6010B	Total/NA
Chromium	63.6		0.996		mg/Kg	2		6010B	Total/NA
Cobalt	11.0		1.99		mg/Kg	2		6010B	Total/NA
Copper	115		1.99		mg/Kg	2		6010B	Total/NA
Lead	96.1		1.99		mg/Kg	2		6010B	Total/NA
Molybdenum	5.00		3.98		mg/Kg	2		6010B	Total/NA
Nickel	27.4		1.99		mg/Kg	2		6010B	Total/NA
Silver	2.65		1.99		mg/Kg	2		6010B	Total/NA
Vanadium	43.9		3.98		mg/Kg	2		6010B	Total/NA
Zinc	744		3.98		mg/Kg	2		6010B	Total/NA
Mercury	0.120		0.0887		mg/Kg	1		7471A	Total/NA

Client Sample ID: PP-5

Lab Sample ID: 570-233498-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	460	E	45		ug/Kg	1		8260B	Total/NA
Arsenic	4.35		2.78		mg/Kg	2		6010B	Total/NA
Barium	88.2		1.85		mg/Kg	2		6010B	Total/NA
Beryllium	0.370		0.370		mg/Kg	2		6010B	Total/NA
Cadmium	0.981		0.370		mg/Kg	2		6010B	Total/NA
Chromium	24.2		0.925		mg/Kg	2		6010B	Total/NA
Cobalt	5.81		1.85		mg/Kg	2		6010B	Total/NA
Copper	19.2		1.85		mg/Kg	2		6010B	Total/NA
Lead	12.9		1.85		mg/Kg	2		6010B	Total/NA
Nickel	12.6		1.85		mg/Kg	2		6010B	Total/NA
Vanadium	31.4		3.70		mg/Kg	2		6010B	Total/NA
Zinc	97.2		3.70		mg/Kg	2		6010B	Total/NA

Client Sample ID: PP-6

Lab Sample ID: 570-233498-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	390	E	38		ug/Kg	1		8260B	Total/NA
Arsenic	3.97		2.98		mg/Kg	2		6010B	Total/NA
Barium	110		1.98		mg/Kg	2		6010B	Total/NA
Cadmium	1.90		0.397		mg/Kg	2		6010B	Total/NA
Chromium	30.3		0.992		mg/Kg	2		6010B	Total/NA
Cobalt	7.14		1.98		mg/Kg	2		6010B	Total/NA
Copper	28.7		1.98		mg/Kg	2		6010B	Total/NA
Lead	16.8		1.98		mg/Kg	2		6010B	Total/NA
Nickel	14.8		1.98		mg/Kg	2		6010B	Total/NA
Vanadium	32.3		3.97		mg/Kg	2		6010B	Total/NA
Zinc	108		3.97		mg/Kg	2		6010B	Total/NA
Mercury	0.101		0.0833		mg/Kg	1		7471A	Total/NA

Client Sample ID: GWPC-1

Lab Sample ID: 570-233498-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	190		30		ug/Kg	1		8260B	Total/NA
Arsenic	6.72		2.82		mg/Kg	2		6010B	Total/NA
Barium	79.3		1.88		mg/Kg	2		6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Calscience

Detection Summary

Client: Ninyo & Moore
Project/Site: LARAP Pacific Palisades & Rustic Canyons

Job ID: 570-233498-1

Client Sample ID: GWPC-1 (Continued)

Lab Sample ID: 570-233498-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cadmium	2.03		0.377		mg/Kg	2		6010B	Total/NA
Chromium	25.1		0.942		mg/Kg	2		6010B	Total/NA
Cobalt	7.10		1.88		mg/Kg	2		6010B	Total/NA
Copper	24.2		1.88		mg/Kg	2		6010B	Total/NA
Lead	8.53		1.88		mg/Kg	2		6010B	Total/NA
Nickel	21.8		1.88		mg/Kg	2		6010B	Total/NA
Vanadium	41.0		3.77		mg/Kg	2		6010B	Total/NA
Zinc	62.4		3.77		mg/Kg	2		6010B	Total/NA

Client Sample ID: GWPC-2

Lab Sample ID: 570-233498-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	120		25		ug/Kg	1		8260B	Total/NA
Arsenic	6.62		2.91		mg/Kg	2		6010B	Total/NA
Barium	78.0		1.94		mg/Kg	2		6010B	Total/NA
Cadmium	0.427		0.389		mg/Kg	2		6010B	Total/NA
Chromium	40.2		0.971		mg/Kg	2		6010B	Total/NA
Cobalt	11.9		1.94		mg/Kg	2		6010B	Total/NA
Copper	26.4		1.94		mg/Kg	2		6010B	Total/NA
Lead	9.56		1.94		mg/Kg	2		6010B	Total/NA
Nickel	24.4		1.94		mg/Kg	2		6010B	Total/NA
Vanadium	57.7		3.89		mg/Kg	2		6010B	Total/NA
Zinc	69.1		3.89		mg/Kg	2		6010B	Total/NA
Lithium	23.9		19.4		mg/Kg	2		6010B	Total/NA

Client Sample ID: GWPC-3

Lab Sample ID: 570-233498-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	100		27		ug/Kg	1		8260B	Total/NA
Carbon disulfide	27		14		ug/Kg	1		8260B	Total/NA
Arsenic	10.5		2.79		mg/Kg	2		6010B	Total/NA
Barium	108		1.86		mg/Kg	2		6010B	Total/NA
Beryllium	0.521		0.372		mg/Kg	2		6010B	Total/NA
Cadmium	0.782		0.372		mg/Kg	2		6010B	Total/NA
Chromium	34.5		0.931		mg/Kg	2		6010B	Total/NA
Cobalt	9.87		1.86		mg/Kg	2		6010B	Total/NA
Copper	25.5		1.86		mg/Kg	2		6010B	Total/NA
Lead	13.2		1.86		mg/Kg	2		6010B	Total/NA
Nickel	27.2		1.86		mg/Kg	2		6010B	Total/NA
Vanadium	46.7		3.72		mg/Kg	2		6010B	Total/NA
Zinc	71.9		3.72		mg/Kg	2		6010B	Total/NA
Lithium	20.9		18.6		mg/Kg	2		6010B	Total/NA
Mercury	0.141		0.0887		mg/Kg	1		7471A	Total/NA

Client Sample ID: GWPC-4

Lab Sample ID: 570-233498-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	62		28		ug/Kg	1		8260B	Total/NA
Arsenic	8.98		2.78		mg/Kg	2		6010B	Total/NA
Barium	114		1.85		mg/Kg	2		6010B	Total/NA
Beryllium	0.463		0.370		mg/Kg	2		6010B	Total/NA
Cadmium	1.41		0.370		mg/Kg	2		6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Calscience

Detection Summary

Client: Ninyo & Moore
Project/Site: LARAP Pacific Palisades & Rustic Canyons

Job ID: 570-233498-1

Client Sample ID: GWPC-4 (Continued)

Lab Sample ID: 570-233498-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chromium	40.9		0.926		mg/Kg	2		6010B	Total/NA
Cobalt	7.91		1.85		mg/Kg	2		6010B	Total/NA
Copper	24.0		1.85		mg/Kg	2		6010B	Total/NA
Lead	20.0		1.85		mg/Kg	2		6010B	Total/NA
Nickel	21.9		1.85		mg/Kg	2		6010B	Total/NA
Vanadium	45.0		3.70		mg/Kg	2		6010B	Total/NA
Zinc	64.3		3.70		mg/Kg	2		6010B	Total/NA

Client Sample ID: VL0-1

Lab Sample ID: 570-233498-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	170		23		ug/Kg	1		8260B	Total/NA
p-Isopropyltoluene	1.6		1.2		ug/Kg	1		8260B	Total/NA
Arsenic	5.03		2.95		mg/Kg	2		6010B	Total/NA
Barium	85.8		1.96		mg/Kg	2		6010B	Total/NA
Chromium	21.3		0.982		mg/Kg	2		6010B	Total/NA
Cobalt	5.28		1.96		mg/Kg	2		6010B	Total/NA
Copper	18.9		1.96		mg/Kg	2		6010B	Total/NA
Lead	14.3		1.96		mg/Kg	2		6010B	Total/NA
Nickel	13.7		1.96		mg/Kg	2		6010B	Total/NA
Vanadium	28.8		3.93		mg/Kg	2		6010B	Total/NA
Zinc	60.5		3.93		mg/Kg	2		6010B	Total/NA

Client Sample ID: VL0-2

Lab Sample ID: 570-233498-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	270		33		ug/Kg	1		8260B	Total/NA
Arsenic	4.32		2.93		mg/Kg	2		6010B	Total/NA
Barium	102		1.95		mg/Kg	2		6010B	Total/NA
Chromium	13.4		0.977		mg/Kg	2		6010B	Total/NA
Cobalt	5.35		1.95		mg/Kg	2		6010B	Total/NA
Copper	15.2		1.95		mg/Kg	2		6010B	Total/NA
Lead	11.1		1.95		mg/Kg	2		6010B	Total/NA
Nickel	12.4		1.95		mg/Kg	2		6010B	Total/NA
Vanadium	30.2		3.91		mg/Kg	2		6010B	Total/NA
Zinc	64.6		3.91		mg/Kg	2		6010B	Total/NA

Client Sample ID: TC-1

Lab Sample ID: 570-233498-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	530	E	35		ug/Kg	1		8260B	Total/NA
Arsenic	6.65		2.94		mg/Kg	2		6010B	Total/NA
Barium	102		1.96		mg/Kg	2		6010B	Total/NA
Cadmium	0.824		0.392		mg/Kg	2		6010B	Total/NA
Chromium	25.8		0.981		mg/Kg	2		6010B	Total/NA
Cobalt	6.47		1.96		mg/Kg	2		6010B	Total/NA
Copper	26.1		1.96		mg/Kg	2		6010B	Total/NA
Lead	21.3		1.96		mg/Kg	2		6010B	Total/NA
Nickel	18.8		1.96		mg/Kg	2		6010B	Total/NA
Vanadium	33.8		3.92		mg/Kg	2		6010B	Total/NA
Zinc	90.4		3.92		mg/Kg	2		6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Calscience

Detection Summary

Client: Ninyo & Moore
Project/Site: LARAP Pacific Palisades & Rustic Canyons

Job ID: 570-233498-1

Client Sample ID: TC-2

Lab Sample ID: 570-233498-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	9.18		2.92		mg/Kg	2		6010B	Total/NA
Barium	135		1.95		mg/Kg	2		6010B	Total/NA
Cadmium	1.01		0.389		mg/Kg	2		6010B	Total/NA
Chromium	31.2		0.973		mg/Kg	2		6010B	Total/NA
Cobalt	8.85		1.95		mg/Kg	2		6010B	Total/NA
Copper	28.9		1.95		mg/Kg	2		6010B	Total/NA
Lead	14.1		1.95		mg/Kg	2		6010B	Total/NA
Nickel	26.5		1.95		mg/Kg	2		6010B	Total/NA
Vanadium	47.9		3.89		mg/Kg	2		6010B	Total/NA
Zinc	94.0		3.89		mg/Kg	2		6010B	Total/NA
Lithium	22.1		19.5		mg/Kg	2		6010B	Total/NA

Client Sample ID: AV-1

Lab Sample ID: 570-233498-21

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	170		25		ug/Kg	1		8260B	Total/NA
Arsenic	8.36		2.99		mg/Kg	2		6010B	Total/NA
Barium	168		1.99		mg/Kg	2		6010B	Total/NA
Beryllium	0.738		0.399		mg/Kg	2		6010B	Total/NA
Cadmium	0.399		0.399		mg/Kg	2		6010B	Total/NA
Chromium	27.6		0.997		mg/Kg	2		6010B	Total/NA
Cobalt	13.4		1.99		mg/Kg	2		6010B	Total/NA
Copper	15.9		1.99		mg/Kg	2		6010B	Total/NA
Lead	24.8		1.99		mg/Kg	2		6010B	Total/NA
Nickel	21.9		1.99		mg/Kg	2		6010B	Total/NA
Vanadium	51.8		3.99		mg/Kg	2		6010B	Total/NA
Zinc	77.3		3.99		mg/Kg	2		6010B	Total/NA
Mercury	0.308		0.0887		mg/Kg	1		7471A	Total/NA

Client Sample ID: AV-2

Lab Sample ID: 570-233498-22

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	8.45		2.85		mg/Kg	2		6010B	Total/NA
Barium	141		1.90		mg/Kg	2		6010B	Total/NA
Beryllium	0.571		0.380		mg/Kg	2		6010B	Total/NA
Chromium	25.7		0.951		mg/Kg	2		6010B	Total/NA
Cobalt	10.8		1.90		mg/Kg	2		6010B	Total/NA
Copper	21.2		1.90		mg/Kg	2		6010B	Total/NA
Lead	18.1		1.90		mg/Kg	2		6010B	Total/NA
Nickel	19.1		1.90		mg/Kg	2		6010B	Total/NA
Vanadium	44.7		3.80		mg/Kg	2		6010B	Total/NA
Zinc	66.3		3.80		mg/Kg	2		6010B	Total/NA
Mercury	0.0953		0.0887		mg/Kg	1		7471A	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Calscience

Client Sample Results

Client: Ninyo & Moore
Project/Site: LARAP Pacific Palisades & Rustic Canyons

Job ID: 570-233498-1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: RC-1

Date Collected: 06/05/25 09:00

Date Received: 06/05/25 18:38

Lab Sample ID: 570-233498-1

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.5		ug/Kg		06/09/25 10:39	06/09/25 22:16	1
1,1,1-Trichloroethane	ND		1.5		ug/Kg		06/09/25 10:39	06/09/25 22:16	1
1,1,2,2-Tetrachloroethane	ND		2.9		ug/Kg		06/09/25 10:39	06/09/25 22:16	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		15		ug/Kg		06/09/25 10:39	06/09/25 22:16	1
1,1,2-Trichloroethane	ND		1.5		ug/Kg		06/09/25 10:39	06/09/25 22:16	1
1,1-Dichloroethane	ND		1.5		ug/Kg		06/09/25 10:39	06/09/25 22:16	1
1,1-Dichloroethene	ND		1.5		ug/Kg		06/09/25 10:39	06/09/25 22:16	1
1,1-Dichloropropene	ND		2.9		ug/Kg		06/09/25 10:39	06/09/25 22:16	1
1,2,3-Trichlorobenzene	ND		2.9		ug/Kg		06/09/25 10:39	06/09/25 22:16	1
1,2,3-Trichloropropane	ND		2.9		ug/Kg		06/09/25 10:39	06/09/25 22:16	1
1,2,4-Trichlorobenzene	ND		2.9		ug/Kg		06/09/25 10:39	06/09/25 22:16	1
1,2,4-Trimethylbenzene	ND		2.9		ug/Kg		06/09/25 10:39	06/09/25 22:16	1
1,2-Dibromo-3-Chloropropane	ND		15		ug/Kg		06/09/25 10:39	06/09/25 22:16	1
1,2-Dibromoethane	ND		1.5		ug/Kg		06/09/25 10:39	06/09/25 22:16	1
1,2-Dichlorobenzene	ND		1.5		ug/Kg		06/09/25 10:39	06/09/25 22:16	1
1,2-Dichloroethane	ND		1.5		ug/Kg		06/09/25 10:39	06/09/25 22:16	1
1,2-Dichloropropane	ND		1.5		ug/Kg		06/09/25 10:39	06/09/25 22:16	1
1,3,5-Trimethylbenzene	ND		2.9		ug/Kg		06/09/25 10:39	06/09/25 22:16	1
1,3-Dichlorobenzene	ND		1.5		ug/Kg		06/09/25 10:39	06/09/25 22:16	1
1,3-Dichloropropane	ND		1.5		ug/Kg		06/09/25 10:39	06/09/25 22:16	1
1,4-Dichlorobenzene	ND		1.5		ug/Kg		06/09/25 10:39	06/09/25 22:16	1
2,2-Dichloropropane	ND		7.3		ug/Kg		06/09/25 10:39	06/09/25 22:16	1
2-Butanone (MEK)	ND		29		ug/Kg		06/09/25 10:39	06/09/25 22:16	1
2-Chlorotoluene	ND		1.5		ug/Kg		06/09/25 10:39	06/09/25 22:16	1
2-Hexanone	ND		29		ug/Kg		06/09/25 10:39	06/09/25 22:16	1
4-Chlorotoluene	ND		1.5		ug/Kg		06/09/25 10:39	06/09/25 22:16	1
4-Methyl-2-pentanone (MIBK)	ND		29		ug/Kg		06/09/25 10:39	06/09/25 22:16	1
Acetone	98		29		ug/Kg		06/09/25 10:39	06/09/25 22:16	1
Benzene	ND		1.5		ug/Kg		06/09/25 10:39	06/09/25 22:16	1
Bromobenzene	ND		1.5		ug/Kg		06/09/25 10:39	06/09/25 22:16	1
Bromochloromethane	ND		2.9		ug/Kg		06/09/25 10:39	06/09/25 22:16	1
Bromodichloromethane	ND		1.5		ug/Kg		06/09/25 10:39	06/09/25 22:16	1
Bromoform	ND		7.3		ug/Kg		06/09/25 10:39	06/09/25 22:16	1
Bromomethane	ND		29		ug/Kg		06/09/25 10:39	06/09/25 22:16	1
cis-1,2-Dichloroethene	ND		1.5		ug/Kg		06/09/25 10:39	06/09/25 22:16	1
cis-1,3-Dichloropropene	ND		1.5		ug/Kg		06/09/25 10:39	06/09/25 22:16	1
Carbon disulfide	ND		15		ug/Kg		06/09/25 10:39	06/09/25 22:16	1
Carbon tetrachloride	ND		1.5		ug/Kg		06/09/25 10:39	06/09/25 22:16	1
Chlorobenzene	ND		1.5		ug/Kg		06/09/25 10:39	06/09/25 22:16	1
Chloroethane	ND		2.9		ug/Kg		06/09/25 10:39	06/09/25 22:16	1
Chloroform	ND		1.5		ug/Kg		06/09/25 10:39	06/09/25 22:16	1
Chloromethane	ND		29		ug/Kg		06/09/25 10:39	06/09/25 22:16	1
Dibromochloromethane	ND		2.9		ug/Kg		06/09/25 10:39	06/09/25 22:16	1
Dibromomethane	ND		1.5		ug/Kg		06/09/25 10:39	06/09/25 22:16	1
Dichlorodifluoromethane	ND		2.9		ug/Kg		06/09/25 10:39	06/09/25 22:16	1
Di-isopropyl ether (DIPE)	ND		1.5		ug/Kg		06/09/25 10:39	06/09/25 22:16	1
Ethanol	ND		370		ug/Kg		06/09/25 10:39	06/09/25 22:16	1
Ethylbenzene	ND		1.5		ug/Kg		06/09/25 10:39	06/09/25 22:16	1
Ethyl-t-butyl ether (ETBE)	ND		1.5		ug/Kg		06/09/25 10:39	06/09/25 22:16	1

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Client Sample Results

Client: Ninyo & Moore
Project/Site: LARAP Pacific Palisades & Rustic Canyons

Job ID: 570-233498-1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: RC-1

Date Collected: 06/05/25 09:00

Date Received: 06/05/25 18:38

Lab Sample ID: 570-233498-1

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	ND		1.5		ug/Kg		06/09/25 10:39	06/09/25 22:16	1
Methylene Chloride	ND		15		ug/Kg		06/09/25 10:39	06/09/25 22:16	1
Methyl-t-Butyl Ether (MTBE)	ND		2.9		ug/Kg		06/09/25 10:39	06/09/25 22:16	1
Naphthalene	ND		15		ug/Kg		06/09/25 10:39	06/09/25 22:16	1
n-Butylbenzene	ND		1.5		ug/Kg		06/09/25 10:39	06/09/25 22:16	1
N-Propylbenzene	ND		2.9		ug/Kg		06/09/25 10:39	06/09/25 22:16	1
o-Xylene	ND		1.5		ug/Kg		06/09/25 10:39	06/09/25 22:16	1
m,p-Xylene	ND		2.9		ug/Kg		06/09/25 10:39	06/09/25 22:16	1
p-Isopropyltoluene	ND		1.5		ug/Kg		06/09/25 10:39	06/09/25 22:16	1
sec-Butylbenzene	ND		1.5		ug/Kg		06/09/25 10:39	06/09/25 22:16	1
Styrene	ND		1.5		ug/Kg		06/09/25 10:39	06/09/25 22:16	1
trans-1,2-Dichloroethene	ND		1.5		ug/Kg		06/09/25 10:39	06/09/25 22:16	1
trans-1,3-Dichloropropene	ND		2.9		ug/Kg		06/09/25 10:39	06/09/25 22:16	1
Tert-amyl-methyl ether (TAME)	ND		1.5		ug/Kg		06/09/25 10:39	06/09/25 22:16	1
tert-Butyl alcohol (TBA)	ND		29		ug/Kg		06/09/25 10:39	06/09/25 22:16	1
tert-Butylbenzene	ND		1.5		ug/Kg		06/09/25 10:39	06/09/25 22:16	1
Tetrachloroethene	ND		1.5		ug/Kg		06/09/25 10:39	06/09/25 22:16	1
Toluene	ND		1.5		ug/Kg		06/09/25 10:39	06/09/25 22:16	1
Trichloroethene	ND		2.9		ug/Kg		06/09/25 10:39	06/09/25 22:16	1
Trichlorofluoromethane	ND		15		ug/Kg		06/09/25 10:39	06/09/25 22:16	1
Vinyl acetate	ND		15		ug/Kg		06/09/25 10:39	06/09/25 22:16	1
Vinyl chloride	ND		1.5		ug/Kg		06/09/25 10:39	06/09/25 22:16	1
Xylenes, Total	ND		2.9		ug/Kg		06/09/25 10:39	06/09/25 22:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	115		32 - 179	06/09/25 10:39	06/09/25 22:16	1
4-Bromofluorobenzene (Surr)	102		80 - 120	06/09/25 10:39	06/09/25 22:16	1
Dibromofluoromethane (Surr)	104		58 - 147	06/09/25 10:39	06/09/25 22:16	1
Toluene-d8 (Surr)	99		80 - 120	06/09/25 10:39	06/09/25 22:16	1

Client Sample ID: RC-2

Date Collected: 06/05/25 09:10

Date Received: 06/05/25 18:38

Lab Sample ID: 570-233498-2

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.98		ug/Kg		06/12/25 14:52	06/13/25 02:35	1
1,1,1-Trichloroethane	ND		0.98		ug/Kg		06/12/25 14:52	06/13/25 02:35	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/Kg		06/12/25 14:52	06/13/25 02:35	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		9.8		ug/Kg		06/12/25 14:52	06/13/25 02:35	1
1,1,2-Trichloroethane	ND		0.98		ug/Kg		06/12/25 14:52	06/13/25 02:35	1
1,1-Dichloroethane	ND		0.98		ug/Kg		06/12/25 14:52	06/13/25 02:35	1
1,1-Dichloroethene	ND		0.98		ug/Kg		06/12/25 14:52	06/13/25 02:35	1
1,1-Dichloropropene	ND		2.0		ug/Kg		06/12/25 14:52	06/13/25 02:35	1
1,2,3-Trichlorobenzene	ND		2.0		ug/Kg		06/12/25 14:52	06/13/25 02:35	1
1,2,3-Trichloropropane	ND	*+	2.0		ug/Kg		06/12/25 14:52	06/13/25 02:35	1
1,2,4-Trichlorobenzene	ND		2.0		ug/Kg		06/12/25 14:52	06/13/25 02:35	1
1,2,4-Trimethylbenzene	ND		2.0		ug/Kg		06/12/25 14:52	06/13/25 02:35	1
1,2-Dibromo-3-Chloropropane	ND	*+	9.8		ug/Kg		06/12/25 14:52	06/13/25 02:35	1
1,2-Dibromoethane	ND		0.98		ug/Kg		06/12/25 14:52	06/13/25 02:35	1
1,2-Dichlorobenzene	ND		0.98		ug/Kg		06/12/25 14:52	06/13/25 02:35	1
1,2-Dichloroethane	ND		0.98		ug/Kg		06/12/25 14:52	06/13/25 02:35	1

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Client Sample Results

Client: Ninyo & Moore
Project/Site: LARAP Pacific Palisades & Rustic Canyons

Job ID: 570-233498-1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: RC-2

Date Collected: 06/05/25 09:10

Date Received: 06/05/25 18:38

Lab Sample ID: 570-233498-2

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	ND		0.98		ug/Kg		06/12/25 14:52	06/13/25 02:35	1
1,3,5-Trimethylbenzene	ND		2.0		ug/Kg		06/12/25 14:52	06/13/25 02:35	1
1,3-Dichlorobenzene	ND		0.98		ug/Kg		06/12/25 14:52	06/13/25 02:35	1
1,3-Dichloropropane	ND		0.98		ug/Kg		06/12/25 14:52	06/13/25 02:35	1
1,4-Dichlorobenzene	ND		0.98		ug/Kg		06/12/25 14:52	06/13/25 02:35	1
2,2-Dichloropropane	ND		4.9		ug/Kg		06/12/25 14:52	06/13/25 02:35	1
2-Butanone (MEK)	ND		20		ug/Kg		06/12/25 14:52	06/13/25 02:35	1
2-Chlorotoluene	ND		0.98		ug/Kg		06/12/25 14:52	06/13/25 02:35	1
2-Hexanone	ND		20		ug/Kg		06/12/25 14:52	06/13/25 02:35	1
4-Chlorotoluene	ND		0.98		ug/Kg		06/12/25 14:52	06/13/25 02:35	1
4-Methyl-2-pentanone (MIBK)	ND		20		ug/Kg		06/12/25 14:52	06/13/25 02:35	1
Acetone	ND		20		ug/Kg		06/12/25 14:52	06/13/25 02:35	1
Benzene	ND		0.98		ug/Kg		06/12/25 14:52	06/13/25 02:35	1
Bromobenzene	ND		0.98		ug/Kg		06/12/25 14:52	06/13/25 02:35	1
Bromochloromethane	ND		2.0		ug/Kg		06/12/25 14:52	06/13/25 02:35	1
Bromodichloromethane	ND		0.98		ug/Kg		06/12/25 14:52	06/13/25 02:35	1
Bromoform	ND		4.9		ug/Kg		06/12/25 14:52	06/13/25 02:35	1
Bromomethane	ND		20		ug/Kg		06/12/25 14:52	06/13/25 02:35	1
cis-1,2-Dichloroethene	ND		0.98		ug/Kg		06/12/25 14:52	06/13/25 02:35	1
cis-1,3-Dichloropropene	ND		0.98		ug/Kg		06/12/25 14:52	06/13/25 02:35	1
Carbon disulfide	ND		9.8		ug/Kg		06/12/25 14:52	06/13/25 02:35	1
Carbon tetrachloride	ND		0.98		ug/Kg		06/12/25 14:52	06/13/25 02:35	1
Chlorobenzene	ND		0.98		ug/Kg		06/12/25 14:52	06/13/25 02:35	1
Chloroethane	ND		2.0		ug/Kg		06/12/25 14:52	06/13/25 02:35	1
Chloroform	ND		0.98		ug/Kg		06/12/25 14:52	06/13/25 02:35	1
Chloromethane	ND		20		ug/Kg		06/12/25 14:52	06/13/25 02:35	1
Dibromochloromethane	ND		2.0		ug/Kg		06/12/25 14:52	06/13/25 02:35	1
Dibromomethane	ND		0.98		ug/Kg		06/12/25 14:52	06/13/25 02:35	1
Dichlorodifluoromethane	ND		2.0		ug/Kg		06/12/25 14:52	06/13/25 02:35	1
Di-isopropyl ether (DIPE)	ND		0.98		ug/Kg		06/12/25 14:52	06/13/25 02:35	1
Ethanol	ND		240		ug/Kg		06/12/25 14:52	06/13/25 02:35	1
Ethylbenzene	ND		0.98		ug/Kg		06/12/25 14:52	06/13/25 02:35	1
Ethyl-t-butyl ether (ETBE)	ND		0.98		ug/Kg		06/12/25 14:52	06/13/25 02:35	1
Isopropylbenzene	ND		0.98		ug/Kg		06/12/25 14:52	06/13/25 02:35	1
Methylene Chloride	ND		9.8		ug/Kg		06/12/25 14:52	06/13/25 02:35	1
Methyl-t-Butyl Ether (MTBE)	ND		2.0		ug/Kg		06/12/25 14:52	06/13/25 02:35	1
Naphthalene	ND		9.8		ug/Kg		06/12/25 14:52	06/13/25 02:35	1
n-Butylbenzene	ND		0.98		ug/Kg		06/12/25 14:52	06/13/25 02:35	1
N-Propylbenzene	ND		2.0		ug/Kg		06/12/25 14:52	06/13/25 02:35	1
o-Xylene	ND		0.98		ug/Kg		06/12/25 14:52	06/13/25 02:35	1
m,p-Xylene	ND		2.0		ug/Kg		06/12/25 14:52	06/13/25 02:35	1
p-Isopropyltoluene	ND		0.98		ug/Kg		06/12/25 14:52	06/13/25 02:35	1
sec-Butylbenzene	ND		0.98		ug/Kg		06/12/25 14:52	06/13/25 02:35	1
Styrene	ND		0.98		ug/Kg		06/12/25 14:52	06/13/25 02:35	1
trans-1,2-Dichloroethene	ND		0.98		ug/Kg		06/12/25 14:52	06/13/25 02:35	1
trans-1,3-Dichloropropene	ND		2.0		ug/Kg		06/12/25 14:52	06/13/25 02:35	1
Tert-amyl-methyl ether (TAME)	ND		0.98		ug/Kg		06/12/25 14:52	06/13/25 02:35	1
tert-Butyl alcohol (TBA)	ND		20		ug/Kg		06/12/25 14:52	06/13/25 02:35	1
tert-Butylbenzene	ND		0.98		ug/Kg		06/12/25 14:52	06/13/25 02:35	1

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Client Sample Results

Client: Ninyo & Moore
Project/Site: LARAP Pacific Palisades & Rustic Canyons

Job ID: 570-233498-1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: RC-2

Date Collected: 06/05/25 09:10

Date Received: 06/05/25 18:38

Lab Sample ID: 570-233498-2

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	ND		0.98		ug/Kg		06/12/25 14:52	06/13/25 02:35	1
Toluene	ND		0.98		ug/Kg		06/12/25 14:52	06/13/25 02:35	1
Trichloroethene	ND		2.0		ug/Kg		06/12/25 14:52	06/13/25 02:35	1
Trichlorofluoromethane	ND		9.8		ug/Kg		06/12/25 14:52	06/13/25 02:35	1
Vinyl acetate	ND		9.8		ug/Kg		06/12/25 14:52	06/13/25 02:35	1
Vinyl chloride	ND		0.98		ug/Kg		06/12/25 14:52	06/13/25 02:35	1
Xylenes, Total	ND		2.0		ug/Kg		06/12/25 14:52	06/13/25 02:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	131		32 - 179	06/12/25 14:52	06/13/25 02:35	1
4-Bromofluorobenzene (Surr)	96		80 - 120	06/12/25 14:52	06/13/25 02:35	1
Dibromofluoromethane (Surr)	116		58 - 147	06/12/25 14:52	06/13/25 02:35	1
Toluene-d8 (Surr)	101		80 - 120	06/12/25 14:52	06/13/25 02:35	1

Client Sample ID: RC-3

Date Collected: 06/05/25 08:50

Date Received: 06/05/25 18:38

Lab Sample ID: 570-233498-3

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.7		ug/Kg		06/09/25 10:39	06/09/25 23:02	1
1,1,1-Trichloroethane	ND		1.7		ug/Kg		06/09/25 10:39	06/09/25 23:02	1
1,1,2,2-Tetrachloroethane	ND		3.5		ug/Kg		06/09/25 10:39	06/09/25 23:02	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		17		ug/Kg		06/09/25 10:39	06/09/25 23:02	1
1,1,2-Trichloroethane	ND		1.7		ug/Kg		06/09/25 10:39	06/09/25 23:02	1
1,1-Dichloroethane	ND		1.7		ug/Kg		06/09/25 10:39	06/09/25 23:02	1
1,1-Dichloroethene	ND		1.7		ug/Kg		06/09/25 10:39	06/09/25 23:02	1
1,1-Dichloropropene	ND		3.5		ug/Kg		06/09/25 10:39	06/09/25 23:02	1
1,2,3-Trichlorobenzene	ND		3.5		ug/Kg		06/09/25 10:39	06/09/25 23:02	1
1,2,3-Trichloropropane	ND		3.5		ug/Kg		06/09/25 10:39	06/09/25 23:02	1
1,2,4-Trichlorobenzene	ND		3.5		ug/Kg		06/09/25 10:39	06/09/25 23:02	1
1,2,4-Trimethylbenzene	ND		3.5		ug/Kg		06/09/25 10:39	06/09/25 23:02	1
1,2-Dibromo-3-Chloropropane	ND		17		ug/Kg		06/09/25 10:39	06/09/25 23:02	1
1,2-Dibromoethane	ND		1.7		ug/Kg		06/09/25 10:39	06/09/25 23:02	1
1,2-Dichlorobenzene	ND		1.7		ug/Kg		06/09/25 10:39	06/09/25 23:02	1
1,2-Dichloroethane	ND		1.7		ug/Kg		06/09/25 10:39	06/09/25 23:02	1
1,2-Dichloropropane	ND		1.7		ug/Kg		06/09/25 10:39	06/09/25 23:02	1
1,3,5-Trimethylbenzene	ND		3.5		ug/Kg		06/09/25 10:39	06/09/25 23:02	1
1,3-Dichlorobenzene	ND		1.7		ug/Kg		06/09/25 10:39	06/09/25 23:02	1
1,3-Dichloropropane	ND		1.7		ug/Kg		06/09/25 10:39	06/09/25 23:02	1
1,4-Dichlorobenzene	ND		1.7		ug/Kg		06/09/25 10:39	06/09/25 23:02	1
2,2-Dichloropropane	ND		8.6		ug/Kg		06/09/25 10:39	06/09/25 23:02	1
2-Butanone (MEK)	ND		35		ug/Kg		06/09/25 10:39	06/09/25 23:02	1
2-Chlorotoluene	ND		1.7		ug/Kg		06/09/25 10:39	06/09/25 23:02	1
2-Hexanone	ND		35		ug/Kg		06/09/25 10:39	06/09/25 23:02	1
4-Chlorotoluene	ND		1.7		ug/Kg		06/09/25 10:39	06/09/25 23:02	1
4-Methyl-2-pentanone (MIBK)	ND		35		ug/Kg		06/09/25 10:39	06/09/25 23:02	1
Acetone	150		35		ug/Kg		06/09/25 10:39	06/09/25 23:02	1
Benzene	ND		1.7		ug/Kg		06/09/25 10:39	06/09/25 23:02	1
Bromobenzene	ND		1.7		ug/Kg		06/09/25 10:39	06/09/25 23:02	1
Bromochloromethane	ND		3.5		ug/Kg		06/09/25 10:39	06/09/25 23:02	1
Bromodichloromethane	ND		1.7		ug/Kg		06/09/25 10:39	06/09/25 23:02	1

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Client Sample Results

Client: Ninyo & Moore
Project/Site: LARAP Pacific Palisades & Rustic Canyons

Job ID: 570-233498-1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: RC-3

Date Collected: 06/05/25 08:50

Date Received: 06/05/25 18:38

Lab Sample ID: 570-233498-3

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoform	ND		8.6		ug/Kg		06/09/25 10:39	06/09/25 23:02	1
Bromomethane	ND		35		ug/Kg		06/09/25 10:39	06/09/25 23:02	1
cis-1,2-Dichloroethene	ND		1.7		ug/Kg		06/09/25 10:39	06/09/25 23:02	1
cis-1,3-Dichloropropene	ND		1.7		ug/Kg		06/09/25 10:39	06/09/25 23:02	1
Carbon disulfide	ND		17		ug/Kg		06/09/25 10:39	06/09/25 23:02	1
Carbon tetrachloride	ND		1.7		ug/Kg		06/09/25 10:39	06/09/25 23:02	1
Chlorobenzene	ND		1.7		ug/Kg		06/09/25 10:39	06/09/25 23:02	1
Chloroethane	ND		3.5		ug/Kg		06/09/25 10:39	06/09/25 23:02	1
Chloroform	ND		1.7		ug/Kg		06/09/25 10:39	06/09/25 23:02	1
Chloromethane	ND		35		ug/Kg		06/09/25 10:39	06/09/25 23:02	1
Dibromochloromethane	ND		3.5		ug/Kg		06/09/25 10:39	06/09/25 23:02	1
Dibromomethane	ND		1.7		ug/Kg		06/09/25 10:39	06/09/25 23:02	1
Dichlorodifluoromethane	ND		3.5		ug/Kg		06/09/25 10:39	06/09/25 23:02	1
Di-isopropyl ether (DIPE)	ND		1.7		ug/Kg		06/09/25 10:39	06/09/25 23:02	1
Ethanol	ND		430		ug/Kg		06/09/25 10:39	06/09/25 23:02	1
Ethylbenzene	ND		1.7		ug/Kg		06/09/25 10:39	06/09/25 23:02	1
Ethyl-t-butyl ether (ETBE)	ND		1.7		ug/Kg		06/09/25 10:39	06/09/25 23:02	1
Isopropylbenzene	ND		1.7		ug/Kg		06/09/25 10:39	06/09/25 23:02	1
Methylene Chloride	ND		17		ug/Kg		06/09/25 10:39	06/09/25 23:02	1
Methyl-t-Butyl Ether (MTBE)	ND		3.5		ug/Kg		06/09/25 10:39	06/09/25 23:02	1
Naphthalene	ND		17		ug/Kg		06/09/25 10:39	06/09/25 23:02	1
n-Butylbenzene	ND		1.7		ug/Kg		06/09/25 10:39	06/09/25 23:02	1
N-Propylbenzene	ND		3.5		ug/Kg		06/09/25 10:39	06/09/25 23:02	1
o-Xylene	ND		1.7		ug/Kg		06/09/25 10:39	06/09/25 23:02	1
m,p-Xylene	ND		3.5		ug/Kg		06/09/25 10:39	06/09/25 23:02	1
p-Isopropyltoluene	ND		1.7		ug/Kg		06/09/25 10:39	06/09/25 23:02	1
sec-Butylbenzene	ND		1.7		ug/Kg		06/09/25 10:39	06/09/25 23:02	1
Styrene	ND		1.7		ug/Kg		06/09/25 10:39	06/09/25 23:02	1
trans-1,2-Dichloroethene	ND		1.7		ug/Kg		06/09/25 10:39	06/09/25 23:02	1
trans-1,3-Dichloropropene	ND		3.5		ug/Kg		06/09/25 10:39	06/09/25 23:02	1
Tert-amyl-methyl ether (TAME)	ND		1.7		ug/Kg		06/09/25 10:39	06/09/25 23:02	1
tert-Butyl alcohol (TBA)	ND		35		ug/Kg		06/09/25 10:39	06/09/25 23:02	1
tert-Butylbenzene	ND		1.7		ug/Kg		06/09/25 10:39	06/09/25 23:02	1
Tetrachloroethene	ND		1.7		ug/Kg		06/09/25 10:39	06/09/25 23:02	1
Toluene	ND		1.7		ug/Kg		06/09/25 10:39	06/09/25 23:02	1
Trichloroethene	ND		3.5		ug/Kg		06/09/25 10:39	06/09/25 23:02	1
Trichlorofluoromethane	ND		17		ug/Kg		06/09/25 10:39	06/09/25 23:02	1
Vinyl acetate	ND		17		ug/Kg		06/09/25 10:39	06/09/25 23:02	1
Vinyl chloride	ND		1.7		ug/Kg		06/09/25 10:39	06/09/25 23:02	1
Xylenes, Total	ND		3.5		ug/Kg		06/09/25 10:39	06/09/25 23:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	117		32 - 179	06/09/25 10:39	06/09/25 23:02	1
4-Bromofluorobenzene (Surr)	102		80 - 120	06/09/25 10:39	06/09/25 23:02	1
Dibromofluoromethane (Surr)	106		58 - 147	06/09/25 10:39	06/09/25 23:02	1
Toluene-d8 (Surr)	99		80 - 120	06/09/25 10:39	06/09/25 23:02	1

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Client Sample Results

Client: Ninyo & Moore
Project/Site: LARAP Pacific Palisades & Rustic Canyons

Job ID: 570-233498-1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: RC-4

Date Collected: 06/05/25 09:20

Date Received: 06/05/25 18:38

Lab Sample ID: 570-233498-4

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.99		ug/Kg		06/12/25 14:52	06/13/25 02:56	1
1,1,1-Trichloroethane	ND		0.99		ug/Kg		06/12/25 14:52	06/13/25 02:56	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/Kg		06/12/25 14:52	06/13/25 02:56	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		9.9		ug/Kg		06/12/25 14:52	06/13/25 02:56	1
1,1,2-Trichloroethane	ND		0.99		ug/Kg		06/12/25 14:52	06/13/25 02:56	1
1,1-Dichloroethane	ND		0.99		ug/Kg		06/12/25 14:52	06/13/25 02:56	1
1,1-Dichloroethene	ND		0.99		ug/Kg		06/12/25 14:52	06/13/25 02:56	1
1,1-Dichloropropene	ND		2.0		ug/Kg		06/12/25 14:52	06/13/25 02:56	1
1,2,3-Trichlorobenzene	ND		2.0		ug/Kg		06/12/25 14:52	06/13/25 02:56	1
1,2,3-Trichloropropane	ND	*+	2.0		ug/Kg		06/12/25 14:52	06/13/25 02:56	1
1,2,4-Trichlorobenzene	ND		2.0		ug/Kg		06/12/25 14:52	06/13/25 02:56	1
1,2,4-Trimethylbenzene	ND		2.0		ug/Kg		06/12/25 14:52	06/13/25 02:56	1
1,2-Dibromo-3-Chloropropane	ND	*+	9.9		ug/Kg		06/12/25 14:52	06/13/25 02:56	1
1,2-Dibromoethane	ND		0.99		ug/Kg		06/12/25 14:52	06/13/25 02:56	1
1,2-Dichlorobenzene	ND		0.99		ug/Kg		06/12/25 14:52	06/13/25 02:56	1
1,2-Dichloroethane	ND		0.99		ug/Kg		06/12/25 14:52	06/13/25 02:56	1
1,2-Dichloropropane	ND		0.99		ug/Kg		06/12/25 14:52	06/13/25 02:56	1
1,3,5-Trimethylbenzene	ND		2.0		ug/Kg		06/12/25 14:52	06/13/25 02:56	1
1,3-Dichlorobenzene	ND		0.99		ug/Kg		06/12/25 14:52	06/13/25 02:56	1
1,3-Dichloropropane	ND		0.99		ug/Kg		06/12/25 14:52	06/13/25 02:56	1
1,4-Dichlorobenzene	ND		0.99		ug/Kg		06/12/25 14:52	06/13/25 02:56	1
2,2-Dichloropropane	ND		4.9		ug/Kg		06/12/25 14:52	06/13/25 02:56	1
2-Butanone (MEK)	ND		20		ug/Kg		06/12/25 14:52	06/13/25 02:56	1
2-Chlorotoluene	ND		0.99		ug/Kg		06/12/25 14:52	06/13/25 02:56	1
2-Hexanone	ND		20		ug/Kg		06/12/25 14:52	06/13/25 02:56	1
4-Chlorotoluene	ND		0.99		ug/Kg		06/12/25 14:52	06/13/25 02:56	1
4-Methyl-2-pentanone (MIBK)	ND		20		ug/Kg		06/12/25 14:52	06/13/25 02:56	1
Acetone	ND		20		ug/Kg		06/12/25 14:52	06/13/25 02:56	1
Benzene	ND		0.99		ug/Kg		06/12/25 14:52	06/13/25 02:56	1
Bromobenzene	ND		0.99		ug/Kg		06/12/25 14:52	06/13/25 02:56	1
Bromochloromethane	ND		2.0		ug/Kg		06/12/25 14:52	06/13/25 02:56	1
Bromodichloromethane	ND		0.99		ug/Kg		06/12/25 14:52	06/13/25 02:56	1
Bromoform	ND		4.9		ug/Kg		06/12/25 14:52	06/13/25 02:56	1
Bromomethane	ND		20		ug/Kg		06/12/25 14:52	06/13/25 02:56	1
cis-1,2-Dichloroethene	ND		0.99		ug/Kg		06/12/25 14:52	06/13/25 02:56	1
cis-1,3-Dichloropropene	ND		0.99		ug/Kg		06/12/25 14:52	06/13/25 02:56	1
Carbon disulfide	ND		9.9		ug/Kg		06/12/25 14:52	06/13/25 02:56	1
Carbon tetrachloride	ND		0.99		ug/Kg		06/12/25 14:52	06/13/25 02:56	1
Chlorobenzene	ND		0.99		ug/Kg		06/12/25 14:52	06/13/25 02:56	1
Chloroethane	ND		2.0		ug/Kg		06/12/25 14:52	06/13/25 02:56	1
Chloroform	ND		0.99		ug/Kg		06/12/25 14:52	06/13/25 02:56	1
Chloromethane	ND		20		ug/Kg		06/12/25 14:52	06/13/25 02:56	1
Dibromochloromethane	ND		2.0		ug/Kg		06/12/25 14:52	06/13/25 02:56	1
Dibromomethane	ND		0.99		ug/Kg		06/12/25 14:52	06/13/25 02:56	1
Dichlorodifluoromethane	ND		2.0		ug/Kg		06/12/25 14:52	06/13/25 02:56	1
Di-isopropyl ether (DIPE)	ND		0.99		ug/Kg		06/12/25 14:52	06/13/25 02:56	1
Ethanol	ND		250		ug/Kg		06/12/25 14:52	06/13/25 02:56	1
Ethylbenzene	ND		0.99		ug/Kg		06/12/25 14:52	06/13/25 02:56	1
Ethyl-t-butyl ether (ETBE)	ND		0.99		ug/Kg		06/12/25 14:52	06/13/25 02:56	1

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Client Sample Results

Client: Ninyo & Moore
Project/Site: LARAP Pacific Palisades & Rustic Canyons

Job ID: 570-233498-1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: RC-4

Date Collected: 06/05/25 09:20

Date Received: 06/05/25 18:38

Lab Sample ID: 570-233498-4

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	ND		0.99		ug/Kg		06/12/25 14:52	06/13/25 02:56	1
Methylene Chloride	ND		9.9		ug/Kg		06/12/25 14:52	06/13/25 02:56	1
Methyl-t-Butyl Ether (MTBE)	ND		2.0		ug/Kg		06/12/25 14:52	06/13/25 02:56	1
Naphthalene	ND		9.9		ug/Kg		06/12/25 14:52	06/13/25 02:56	1
n-Butylbenzene	ND		0.99		ug/Kg		06/12/25 14:52	06/13/25 02:56	1
N-Propylbenzene	ND		2.0		ug/Kg		06/12/25 14:52	06/13/25 02:56	1
o-Xylene	ND		0.99		ug/Kg		06/12/25 14:52	06/13/25 02:56	1
m,p-Xylene	ND		2.0		ug/Kg		06/12/25 14:52	06/13/25 02:56	1
p-Isopropyltoluene	ND		0.99		ug/Kg		06/12/25 14:52	06/13/25 02:56	1
sec-Butylbenzene	ND		0.99		ug/Kg		06/12/25 14:52	06/13/25 02:56	1
Styrene	ND		0.99		ug/Kg		06/12/25 14:52	06/13/25 02:56	1
trans-1,2-Dichloroethene	ND		0.99		ug/Kg		06/12/25 14:52	06/13/25 02:56	1
trans-1,3-Dichloropropene	ND		2.0		ug/Kg		06/12/25 14:52	06/13/25 02:56	1
Tert-amyl-methyl ether (TAME)	ND		0.99		ug/Kg		06/12/25 14:52	06/13/25 02:56	1
tert-Butyl alcohol (TBA)	ND		20		ug/Kg		06/12/25 14:52	06/13/25 02:56	1
tert-Butylbenzene	ND		0.99		ug/Kg		06/12/25 14:52	06/13/25 02:56	1
Tetrachloroethene	ND		0.99		ug/Kg		06/12/25 14:52	06/13/25 02:56	1
Toluene	ND		0.99		ug/Kg		06/12/25 14:52	06/13/25 02:56	1
Trichloroethene	ND		2.0		ug/Kg		06/12/25 14:52	06/13/25 02:56	1
Trichlorofluoromethane	ND		9.9		ug/Kg		06/12/25 14:52	06/13/25 02:56	1
Vinyl acetate	ND		9.9		ug/Kg		06/12/25 14:52	06/13/25 02:56	1
Vinyl chloride	ND		0.99		ug/Kg		06/12/25 14:52	06/13/25 02:56	1
Xylenes, Total	ND		2.0		ug/Kg		06/12/25 14:52	06/13/25 02:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	133		32 - 179	06/12/25 14:52	06/13/25 02:56	1
4-Bromofluorobenzene (Surr)	99		80 - 120	06/12/25 14:52	06/13/25 02:56	1
Dibromofluoromethane (Surr)	117		58 - 147	06/12/25 14:52	06/13/25 02:56	1
Toluene-d8 (Surr)	101		80 - 120	06/12/25 14:52	06/13/25 02:56	1

Client Sample ID: RC-5

Date Collected: 06/05/25 08:40

Date Received: 06/05/25 18:38

Lab Sample ID: 570-233498-5

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.4		ug/Kg		06/09/25 10:39	06/09/25 23:48	1
1,1,1-Trichloroethane	ND		1.4		ug/Kg		06/09/25 10:39	06/09/25 23:48	1
1,1,2,2-Tetrachloroethane	ND		2.8		ug/Kg		06/09/25 10:39	06/09/25 23:48	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		14		ug/Kg		06/09/25 10:39	06/09/25 23:48	1
1,1,2-Trichloroethane	ND		1.4		ug/Kg		06/09/25 10:39	06/09/25 23:48	1
1,1-Dichloroethane	ND		1.4		ug/Kg		06/09/25 10:39	06/09/25 23:48	1
1,1-Dichloroethene	ND		1.4		ug/Kg		06/09/25 10:39	06/09/25 23:48	1
1,1-Dichloropropene	ND		2.8		ug/Kg		06/09/25 10:39	06/09/25 23:48	1
1,2,3-Trichlorobenzene	ND		2.8		ug/Kg		06/09/25 10:39	06/09/25 23:48	1
1,2,3-Trichloropropane	ND		2.8		ug/Kg		06/09/25 10:39	06/09/25 23:48	1
1,2,4-Trichlorobenzene	ND		2.8		ug/Kg		06/09/25 10:39	06/09/25 23:48	1
1,2,4-Trimethylbenzene	ND		2.8		ug/Kg		06/09/25 10:39	06/09/25 23:48	1
1,2-Dibromo-3-Chloropropane	ND		14		ug/Kg		06/09/25 10:39	06/09/25 23:48	1
1,2-Dibromoethane	ND		1.4		ug/Kg		06/09/25 10:39	06/09/25 23:48	1
1,2-Dichlorobenzene	ND		1.4		ug/Kg		06/09/25 10:39	06/09/25 23:48	1
1,2-Dichloroethane	ND		1.4		ug/Kg		06/09/25 10:39	06/09/25 23:48	1

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Client Sample Results

Client: Ninyo & Moore
Project/Site: LARAP Pacific Palisades & Rustic Canyons

Job ID: 570-233498-1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: RC-5

Date Collected: 06/05/25 08:40

Date Received: 06/05/25 18:38

Lab Sample ID: 570-233498-5

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	ND		1.4		ug/Kg		06/09/25 10:39	06/09/25 23:48	1
1,3,5-Trimethylbenzene	ND		2.8		ug/Kg		06/09/25 10:39	06/09/25 23:48	1
1,3-Dichlorobenzene	ND		1.4		ug/Kg		06/09/25 10:39	06/09/25 23:48	1
1,3-Dichloropropane	ND		1.4		ug/Kg		06/09/25 10:39	06/09/25 23:48	1
1,4-Dichlorobenzene	ND		1.4		ug/Kg		06/09/25 10:39	06/09/25 23:48	1
2,2-Dichloropropane	ND		7.1		ug/Kg		06/09/25 10:39	06/09/25 23:48	1
2-Butanone (MEK)	ND		28		ug/Kg		06/09/25 10:39	06/09/25 23:48	1
2-Chlorotoluene	ND		1.4		ug/Kg		06/09/25 10:39	06/09/25 23:48	1
2-Hexanone	ND		28		ug/Kg		06/09/25 10:39	06/09/25 23:48	1
4-Chlorotoluene	ND		1.4		ug/Kg		06/09/25 10:39	06/09/25 23:48	1
4-Methyl-2-pentanone (MIBK)	ND		28		ug/Kg		06/09/25 10:39	06/09/25 23:48	1
Acetone	180		28		ug/Kg		06/09/25 10:39	06/09/25 23:48	1
Benzene	ND		1.4		ug/Kg		06/09/25 10:39	06/09/25 23:48	1
Bromobenzene	ND		1.4		ug/Kg		06/09/25 10:39	06/09/25 23:48	1
Bromochloromethane	ND		2.8		ug/Kg		06/09/25 10:39	06/09/25 23:48	1
Bromodichloromethane	ND		1.4		ug/Kg		06/09/25 10:39	06/09/25 23:48	1
Bromoform	ND		7.1		ug/Kg		06/09/25 10:39	06/09/25 23:48	1
Bromomethane	ND		28		ug/Kg		06/09/25 10:39	06/09/25 23:48	1
cis-1,2-Dichloroethene	ND		1.4		ug/Kg		06/09/25 10:39	06/09/25 23:48	1
cis-1,3-Dichloropropene	ND		1.4		ug/Kg		06/09/25 10:39	06/09/25 23:48	1
Carbon disulfide	ND		14		ug/Kg		06/09/25 10:39	06/09/25 23:48	1
Carbon tetrachloride	ND		1.4		ug/Kg		06/09/25 10:39	06/09/25 23:48	1
Chlorobenzene	ND		1.4		ug/Kg		06/09/25 10:39	06/09/25 23:48	1
Chloroethane	ND		2.8		ug/Kg		06/09/25 10:39	06/09/25 23:48	1
Chloroform	ND		1.4		ug/Kg		06/09/25 10:39	06/09/25 23:48	1
Chloromethane	ND		28		ug/Kg		06/09/25 10:39	06/09/25 23:48	1
Dibromochloromethane	ND		2.8		ug/Kg		06/09/25 10:39	06/09/25 23:48	1
Dibromomethane	ND		1.4		ug/Kg		06/09/25 10:39	06/09/25 23:48	1
Dichlorodifluoromethane	ND		2.8		ug/Kg		06/09/25 10:39	06/09/25 23:48	1
Di-isopropyl ether (DIPE)	ND		1.4		ug/Kg		06/09/25 10:39	06/09/25 23:48	1
Ethanol	ND		350		ug/Kg		06/09/25 10:39	06/09/25 23:48	1
Ethylbenzene	ND		1.4		ug/Kg		06/09/25 10:39	06/09/25 23:48	1
Ethyl-t-butyl ether (ETBE)	ND		1.4		ug/Kg		06/09/25 10:39	06/09/25 23:48	1
Isopropylbenzene	ND		1.4		ug/Kg		06/09/25 10:39	06/09/25 23:48	1
Methylene Chloride	ND		14		ug/Kg		06/09/25 10:39	06/09/25 23:48	1
Methyl-t-Butyl Ether (MTBE)	ND		2.8		ug/Kg		06/09/25 10:39	06/09/25 23:48	1
Naphthalene	ND		14		ug/Kg		06/09/25 10:39	06/09/25 23:48	1
n-Butylbenzene	ND		1.4		ug/Kg		06/09/25 10:39	06/09/25 23:48	1
N-Propylbenzene	ND		2.8		ug/Kg		06/09/25 10:39	06/09/25 23:48	1
o-Xylene	ND		1.4		ug/Kg		06/09/25 10:39	06/09/25 23:48	1
m,p-Xylene	ND		2.8		ug/Kg		06/09/25 10:39	06/09/25 23:48	1
p-Isopropyltoluene	ND		1.4		ug/Kg		06/09/25 10:39	06/09/25 23:48	1
sec-Butylbenzene	ND		1.4		ug/Kg		06/09/25 10:39	06/09/25 23:48	1
Styrene	ND		1.4		ug/Kg		06/09/25 10:39	06/09/25 23:48	1
trans-1,2-Dichloroethene	ND		1.4		ug/Kg		06/09/25 10:39	06/09/25 23:48	1
trans-1,3-Dichloropropene	ND		2.8		ug/Kg		06/09/25 10:39	06/09/25 23:48	1
Tert-amyl-methyl ether (TAME)	ND		1.4		ug/Kg		06/09/25 10:39	06/09/25 23:48	1
tert-Butyl alcohol (TBA)	ND		28		ug/Kg		06/09/25 10:39	06/09/25 23:48	1
tert-Butylbenzene	ND		1.4		ug/Kg		06/09/25 10:39	06/09/25 23:48	1

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Client Sample Results

Client: Ninyo & Moore
Project/Site: LARAP Pacific Palisades & Rustic Canyons

Job ID: 570-233498-1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: RC-5

Date Collected: 06/05/25 08:40

Date Received: 06/05/25 18:38

Lab Sample ID: 570-233498-5

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	ND		1.4		ug/Kg		06/09/25 10:39	06/09/25 23:48	1
Toluene	ND		1.4		ug/Kg		06/09/25 10:39	06/09/25 23:48	1
Trichloroethene	ND		2.8		ug/Kg		06/09/25 10:39	06/09/25 23:48	1
Trichlorofluoromethane	ND		14		ug/Kg		06/09/25 10:39	06/09/25 23:48	1
Vinyl acetate	ND		14		ug/Kg		06/09/25 10:39	06/09/25 23:48	1
Vinyl chloride	ND		1.4		ug/Kg		06/09/25 10:39	06/09/25 23:48	1
Xylenes, Total	ND		2.8		ug/Kg		06/09/25 10:39	06/09/25 23:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	121		32 - 179	06/09/25 10:39	06/09/25 23:48	1
4-Bromofluorobenzene (Surr)	99		80 - 120	06/09/25 10:39	06/09/25 23:48	1
Dibromofluoromethane (Surr)	107		58 - 147	06/09/25 10:39	06/09/25 23:48	1
Toluene-d8 (Surr)	96		80 - 120	06/09/25 10:39	06/09/25 23:48	1

Client Sample ID: RC-6

Date Collected: 06/05/25 08:30

Date Received: 06/05/25 18:38

Lab Sample ID: 570-233498-6

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.94		ug/Kg		06/09/25 10:39	06/10/25 00:11	1
1,1,1-Trichloroethane	ND		0.94		ug/Kg		06/09/25 10:39	06/10/25 00:11	1
1,1,2,2-Tetrachloroethane	ND		1.9		ug/Kg		06/09/25 10:39	06/10/25 00:11	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		9.4		ug/Kg		06/09/25 10:39	06/10/25 00:11	1
1,1,2-Trichloroethane	ND		0.94		ug/Kg		06/09/25 10:39	06/10/25 00:11	1
1,1-Dichloroethane	ND		0.94		ug/Kg		06/09/25 10:39	06/10/25 00:11	1
1,1-Dichloroethene	ND		0.94		ug/Kg		06/09/25 10:39	06/10/25 00:11	1
1,1-Dichloropropene	ND		1.9		ug/Kg		06/09/25 10:39	06/10/25 00:11	1
1,2,3-Trichlorobenzene	ND		1.9		ug/Kg		06/09/25 10:39	06/10/25 00:11	1
1,2,3-Trichloropropane	ND		1.9		ug/Kg		06/09/25 10:39	06/10/25 00:11	1
1,2,4-Trichlorobenzene	ND		1.9		ug/Kg		06/09/25 10:39	06/10/25 00:11	1
1,2,4-Trimethylbenzene	ND		1.9		ug/Kg		06/09/25 10:39	06/10/25 00:11	1
1,2-Dibromo-3-Chloropropane	ND		9.4		ug/Kg		06/09/25 10:39	06/10/25 00:11	1
1,2-Dibromoethane	ND		0.94		ug/Kg		06/09/25 10:39	06/10/25 00:11	1
1,2-Dichlorobenzene	ND		0.94		ug/Kg		06/09/25 10:39	06/10/25 00:11	1
1,2-Dichloroethane	ND		0.94		ug/Kg		06/09/25 10:39	06/10/25 00:11	1
1,2-Dichloropropane	ND		0.94		ug/Kg		06/09/25 10:39	06/10/25 00:11	1
1,3,5-Trimethylbenzene	ND		1.9		ug/Kg		06/09/25 10:39	06/10/25 00:11	1
1,3-Dichlorobenzene	ND		0.94		ug/Kg		06/09/25 10:39	06/10/25 00:11	1
1,3-Dichloropropane	ND		0.94		ug/Kg		06/09/25 10:39	06/10/25 00:11	1
1,4-Dichlorobenzene	ND		0.94		ug/Kg		06/09/25 10:39	06/10/25 00:11	1
2,2-Dichloropropane	ND		4.7		ug/Kg		06/09/25 10:39	06/10/25 00:11	1
2-Butanone (MEK)	ND		19		ug/Kg		06/09/25 10:39	06/10/25 00:11	1
2-Chlorotoluene	ND		0.94		ug/Kg		06/09/25 10:39	06/10/25 00:11	1
2-Hexanone	ND		19		ug/Kg		06/09/25 10:39	06/10/25 00:11	1
4-Chlorotoluene	ND		0.94		ug/Kg		06/09/25 10:39	06/10/25 00:11	1
4-Methyl-2-pentanone (MIBK)	ND		19		ug/Kg		06/09/25 10:39	06/10/25 00:11	1
Acetone	86		19		ug/Kg		06/09/25 10:39	06/10/25 00:11	1
Benzene	ND		0.94		ug/Kg		06/09/25 10:39	06/10/25 00:11	1
Bromobenzene	ND		0.94		ug/Kg		06/09/25 10:39	06/10/25 00:11	1
Bromochloromethane	ND		1.9		ug/Kg		06/09/25 10:39	06/10/25 00:11	1
Bromodichloromethane	ND		0.94		ug/Kg		06/09/25 10:39	06/10/25 00:11	1

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Client Sample Results

Client: Ninyo & Moore
Project/Site: LARAP Pacific Palisades & Rustic Canyons

Job ID: 570-233498-1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: RC-6

Date Collected: 06/05/25 08:30

Date Received: 06/05/25 18:38

Lab Sample ID: 570-233498-6

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoform	ND		4.7		ug/Kg		06/09/25 10:39	06/10/25 00:11	1
Bromomethane	ND		19		ug/Kg		06/09/25 10:39	06/10/25 00:11	1
cis-1,2-Dichloroethene	ND		0.94		ug/Kg		06/09/25 10:39	06/10/25 00:11	1
cis-1,3-Dichloropropene	ND		0.94		ug/Kg		06/09/25 10:39	06/10/25 00:11	1
Carbon disulfide	ND		9.4		ug/Kg		06/09/25 10:39	06/10/25 00:11	1
Carbon tetrachloride	ND		0.94		ug/Kg		06/09/25 10:39	06/10/25 00:11	1
Chlorobenzene	ND		0.94		ug/Kg		06/09/25 10:39	06/10/25 00:11	1
Chloroethane	ND		1.9		ug/Kg		06/09/25 10:39	06/10/25 00:11	1
Chloroform	ND		0.94		ug/Kg		06/09/25 10:39	06/10/25 00:11	1
Chloromethane	ND		19		ug/Kg		06/09/25 10:39	06/10/25 00:11	1
Dibromochloromethane	ND		1.9		ug/Kg		06/09/25 10:39	06/10/25 00:11	1
Dibromomethane	ND		0.94		ug/Kg		06/09/25 10:39	06/10/25 00:11	1
Dichlorodifluoromethane	ND		1.9		ug/Kg		06/09/25 10:39	06/10/25 00:11	1
Di-isopropyl ether (DIPE)	ND		0.94		ug/Kg		06/09/25 10:39	06/10/25 00:11	1
Ethanol	ND		240		ug/Kg		06/09/25 10:39	06/10/25 00:11	1
Ethylbenzene	ND		0.94		ug/Kg		06/09/25 10:39	06/10/25 00:11	1
Ethyl-t-butyl ether (ETBE)	ND		0.94		ug/Kg		06/09/25 10:39	06/10/25 00:11	1
Isopropylbenzene	ND		0.94		ug/Kg		06/09/25 10:39	06/10/25 00:11	1
Methylene Chloride	ND		9.4		ug/Kg		06/09/25 10:39	06/10/25 00:11	1
Methyl-t-Butyl Ether (MTBE)	ND		1.9		ug/Kg		06/09/25 10:39	06/10/25 00:11	1
Naphthalene	ND		9.4		ug/Kg		06/09/25 10:39	06/10/25 00:11	1
n-Butylbenzene	ND		0.94		ug/Kg		06/09/25 10:39	06/10/25 00:11	1
N-Propylbenzene	ND		1.9		ug/Kg		06/09/25 10:39	06/10/25 00:11	1
o-Xylene	ND		0.94		ug/Kg		06/09/25 10:39	06/10/25 00:11	1
m,p-Xylene	ND		1.9		ug/Kg		06/09/25 10:39	06/10/25 00:11	1
p-Isopropyltoluene	ND		0.94		ug/Kg		06/09/25 10:39	06/10/25 00:11	1
sec-Butylbenzene	ND		0.94		ug/Kg		06/09/25 10:39	06/10/25 00:11	1
Styrene	ND		0.94		ug/Kg		06/09/25 10:39	06/10/25 00:11	1
trans-1,2-Dichloroethene	ND		0.94		ug/Kg		06/09/25 10:39	06/10/25 00:11	1
trans-1,3-Dichloropropene	ND		1.9		ug/Kg		06/09/25 10:39	06/10/25 00:11	1
Tert-amyl-methyl ether (TAME)	ND		0.94		ug/Kg		06/09/25 10:39	06/10/25 00:11	1
tert-Butyl alcohol (TBA)	ND		19		ug/Kg		06/09/25 10:39	06/10/25 00:11	1
tert-Butylbenzene	ND		0.94		ug/Kg		06/09/25 10:39	06/10/25 00:11	1
Tetrachloroethene	ND		0.94		ug/Kg		06/09/25 10:39	06/10/25 00:11	1
Toluene	ND		0.94		ug/Kg		06/09/25 10:39	06/10/25 00:11	1
Trichloroethene	ND		1.9		ug/Kg		06/09/25 10:39	06/10/25 00:11	1
Trichlorofluoromethane	ND		9.4		ug/Kg		06/09/25 10:39	06/10/25 00:11	1
Vinyl acetate	ND		9.4		ug/Kg		06/09/25 10:39	06/10/25 00:11	1
Vinyl chloride	ND		0.94		ug/Kg		06/09/25 10:39	06/10/25 00:11	1
Xylenes, Total	ND		1.9		ug/Kg		06/09/25 10:39	06/10/25 00:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	118		32 - 179				06/09/25 10:39	06/10/25 00:11	1
4-Bromofluorobenzene (Surr)	102		80 - 120				06/09/25 10:39	06/10/25 00:11	1
Dibromofluoromethane (Surr)	107		58 - 147				06/09/25 10:39	06/10/25 00:11	1
Toluene-d8 (Surr)	99		80 - 120				06/09/25 10:39	06/10/25 00:11	1

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Client Sample Results

Client: Ninyo & Moore
Project/Site: LARAP Pacific Palisades & Rustic Canyons

Job ID: 570-233498-1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: PP-1

Date Collected: 06/05/25 09:30

Date Received: 06/05/25 18:38

Lab Sample ID: 570-233498-7

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.2		ug/Kg		06/09/25 10:39	06/10/25 00:34	1
1,1,1-Trichloroethane	ND		1.2		ug/Kg		06/09/25 10:39	06/10/25 00:34	1
1,1,2,2-Tetrachloroethane	ND		2.4		ug/Kg		06/09/25 10:39	06/10/25 00:34	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		12		ug/Kg		06/09/25 10:39	06/10/25 00:34	1
1,1,2-Trichloroethane	ND		1.2		ug/Kg		06/09/25 10:39	06/10/25 00:34	1
1,1-Dichloroethane	ND		1.2		ug/Kg		06/09/25 10:39	06/10/25 00:34	1
1,1-Dichloroethene	ND		1.2		ug/Kg		06/09/25 10:39	06/10/25 00:34	1
1,1-Dichloropropene	ND		2.4		ug/Kg		06/09/25 10:39	06/10/25 00:34	1
1,2,3-Trichlorobenzene	ND		2.4		ug/Kg		06/09/25 10:39	06/10/25 00:34	1
1,2,3-Trichloropropane	ND		2.4		ug/Kg		06/09/25 10:39	06/10/25 00:34	1
1,2,4-Trichlorobenzene	ND		2.4		ug/Kg		06/09/25 10:39	06/10/25 00:34	1
1,2,4-Trimethylbenzene	ND		2.4		ug/Kg		06/09/25 10:39	06/10/25 00:34	1
1,2-Dibromo-3-Chloropropane	ND		12		ug/Kg		06/09/25 10:39	06/10/25 00:34	1
1,2-Dibromoethane	ND		1.2		ug/Kg		06/09/25 10:39	06/10/25 00:34	1
1,2-Dichlorobenzene	ND		1.2		ug/Kg		06/09/25 10:39	06/10/25 00:34	1
1,2-Dichloroethane	ND		1.2		ug/Kg		06/09/25 10:39	06/10/25 00:34	1
1,2-Dichloropropane	ND		1.2		ug/Kg		06/09/25 10:39	06/10/25 00:34	1
1,3,5-Trimethylbenzene	ND		2.4		ug/Kg		06/09/25 10:39	06/10/25 00:34	1
1,3-Dichlorobenzene	ND		1.2		ug/Kg		06/09/25 10:39	06/10/25 00:34	1
1,3-Dichloropropane	ND		1.2		ug/Kg		06/09/25 10:39	06/10/25 00:34	1
1,4-Dichlorobenzene	ND		1.2		ug/Kg		06/09/25 10:39	06/10/25 00:34	1
2,2-Dichloropropane	ND		6.0		ug/Kg		06/09/25 10:39	06/10/25 00:34	1
2-Butanone (MEK)	ND		24		ug/Kg		06/09/25 10:39	06/10/25 00:34	1
2-Chlorotoluene	ND		1.2		ug/Kg		06/09/25 10:39	06/10/25 00:34	1
2-Hexanone	ND		24		ug/Kg		06/09/25 10:39	06/10/25 00:34	1
4-Chlorotoluene	ND		1.2		ug/Kg		06/09/25 10:39	06/10/25 00:34	1
4-Methyl-2-pentanone (MIBK)	ND		24		ug/Kg		06/09/25 10:39	06/10/25 00:34	1
Acetone	160		24		ug/Kg		06/09/25 10:39	06/10/25 00:34	1
Benzene	ND		1.2		ug/Kg		06/09/25 10:39	06/10/25 00:34	1
Bromobenzene	ND		1.2		ug/Kg		06/09/25 10:39	06/10/25 00:34	1
Bromochloromethane	ND		2.4		ug/Kg		06/09/25 10:39	06/10/25 00:34	1
Bromodichloromethane	ND		1.2		ug/Kg		06/09/25 10:39	06/10/25 00:34	1
Bromoform	ND		6.0		ug/Kg		06/09/25 10:39	06/10/25 00:34	1
Bromomethane	ND		24		ug/Kg		06/09/25 10:39	06/10/25 00:34	1
cis-1,2-Dichloroethene	ND		1.2		ug/Kg		06/09/25 10:39	06/10/25 00:34	1
cis-1,3-Dichloropropene	ND		1.2		ug/Kg		06/09/25 10:39	06/10/25 00:34	1
Carbon disulfide	ND		12		ug/Kg		06/09/25 10:39	06/10/25 00:34	1
Carbon tetrachloride	ND		1.2		ug/Kg		06/09/25 10:39	06/10/25 00:34	1
Chlorobenzene	ND		1.2		ug/Kg		06/09/25 10:39	06/10/25 00:34	1
Chloroethane	ND		2.4		ug/Kg		06/09/25 10:39	06/10/25 00:34	1
Chloroform	ND		1.2		ug/Kg		06/09/25 10:39	06/10/25 00:34	1
Chloromethane	ND		24		ug/Kg		06/09/25 10:39	06/10/25 00:34	1
Dibromochloromethane	ND		2.4		ug/Kg		06/09/25 10:39	06/10/25 00:34	1
Dibromomethane	ND		1.2		ug/Kg		06/09/25 10:39	06/10/25 00:34	1
Dichlorodifluoromethane	ND		2.4		ug/Kg		06/09/25 10:39	06/10/25 00:34	1
Di-isopropyl ether (DIPE)	ND		1.2		ug/Kg		06/09/25 10:39	06/10/25 00:34	1
Ethanol	ND		300		ug/Kg		06/09/25 10:39	06/10/25 00:34	1
Ethylbenzene	ND		1.2		ug/Kg		06/09/25 10:39	06/10/25 00:34	1
Ethyl-t-butyl ether (ETBE)	ND		1.2		ug/Kg		06/09/25 10:39	06/10/25 00:34	1

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Client Sample Results

Client: Ninyo & Moore
Project/Site: LARAP Pacific Palisades & Rustic Canyons

Job ID: 570-233498-1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: PP-1

Date Collected: 06/05/25 09:30

Date Received: 06/05/25 18:38

Lab Sample ID: 570-233498-7

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	ND		1.2		ug/Kg		06/09/25 10:39	06/10/25 00:34	1
Methylene Chloride	ND		12		ug/Kg		06/09/25 10:39	06/10/25 00:34	1
Methyl-t-Butyl Ether (MTBE)	ND		2.4		ug/Kg		06/09/25 10:39	06/10/25 00:34	1
Naphthalene	ND		12		ug/Kg		06/09/25 10:39	06/10/25 00:34	1
n-Butylbenzene	ND		1.2		ug/Kg		06/09/25 10:39	06/10/25 00:34	1
N-Propylbenzene	ND		2.4		ug/Kg		06/09/25 10:39	06/10/25 00:34	1
o-Xylene	ND		1.2		ug/Kg		06/09/25 10:39	06/10/25 00:34	1
m,p-Xylene	ND		2.4		ug/Kg		06/09/25 10:39	06/10/25 00:34	1
p-Isopropyltoluene	5.3		1.2		ug/Kg		06/09/25 10:39	06/10/25 00:34	1
sec-Butylbenzene	ND		1.2		ug/Kg		06/09/25 10:39	06/10/25 00:34	1
Styrene	ND		1.2		ug/Kg		06/09/25 10:39	06/10/25 00:34	1
trans-1,2-Dichloroethene	ND		1.2		ug/Kg		06/09/25 10:39	06/10/25 00:34	1
trans-1,3-Dichloropropene	ND		2.4		ug/Kg		06/09/25 10:39	06/10/25 00:34	1
Tert-amyl-methyl ether (TAME)	ND		1.2		ug/Kg		06/09/25 10:39	06/10/25 00:34	1
tert-Butyl alcohol (TBA)	ND		24		ug/Kg		06/09/25 10:39	06/10/25 00:34	1
tert-Butylbenzene	ND		1.2		ug/Kg		06/09/25 10:39	06/10/25 00:34	1
Tetrachloroethene	ND		1.2		ug/Kg		06/09/25 10:39	06/10/25 00:34	1
Toluene	ND		1.2		ug/Kg		06/09/25 10:39	06/10/25 00:34	1
Trichloroethene	ND		2.4		ug/Kg		06/09/25 10:39	06/10/25 00:34	1
Trichlorofluoromethane	ND		12		ug/Kg		06/09/25 10:39	06/10/25 00:34	1
Vinyl acetate	ND		12		ug/Kg		06/09/25 10:39	06/10/25 00:34	1
Vinyl chloride	ND		1.2		ug/Kg		06/09/25 10:39	06/10/25 00:34	1
Xylenes, Total	ND		2.4		ug/Kg		06/09/25 10:39	06/10/25 00:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	124		32 - 179	06/09/25 10:39	06/10/25 00:34	1
4-Bromofluorobenzene (Surr)	96		80 - 120	06/09/25 10:39	06/10/25 00:34	1
Dibromofluoromethane (Surr)	107		58 - 147	06/09/25 10:39	06/10/25 00:34	1
Toluene-d8 (Surr)	100		80 - 120	06/09/25 10:39	06/10/25 00:34	1

Client Sample ID: PP-2

Date Collected: 06/05/25 09:40

Date Received: 06/05/25 18:38

Lab Sample ID: 570-233498-8

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.97		ug/Kg		06/11/25 08:00	06/11/25 16:31	1
1,1,1-Trichloroethane	ND		0.97		ug/Kg		06/11/25 08:00	06/11/25 16:31	1
1,1,2,2-Tetrachloroethane	ND		1.9		ug/Kg		06/11/25 08:00	06/11/25 16:31	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		9.7		ug/Kg		06/11/25 08:00	06/11/25 16:31	1
1,1,2-Trichloroethane	ND		0.97		ug/Kg		06/11/25 08:00	06/11/25 16:31	1
1,1-Dichloroethane	ND		0.97		ug/Kg		06/11/25 08:00	06/11/25 16:31	1
1,1-Dichloroethene	ND		0.97		ug/Kg		06/11/25 08:00	06/11/25 16:31	1
1,1-Dichloropropene	ND		1.9		ug/Kg		06/11/25 08:00	06/11/25 16:31	1
1,2,3-Trichlorobenzene	ND		1.9		ug/Kg		06/11/25 08:00	06/11/25 16:31	1
1,2,3-Trichloropropane	ND		1.9		ug/Kg		06/11/25 08:00	06/11/25 16:31	1
1,2,4-Trichlorobenzene	ND		1.9		ug/Kg		06/11/25 08:00	06/11/25 16:31	1
1,2,4-Trimethylbenzene	ND		1.9		ug/Kg		06/11/25 08:00	06/11/25 16:31	1
1,2-Dibromo-3-Chloropropane	ND		9.7		ug/Kg		06/11/25 08:00	06/11/25 16:31	1
1,2-Dibromoethane	ND		0.97		ug/Kg		06/11/25 08:00	06/11/25 16:31	1
1,2-Dichlorobenzene	ND		0.97		ug/Kg		06/11/25 08:00	06/11/25 16:31	1
1,2-Dichloroethane	ND		0.97		ug/Kg		06/11/25 08:00	06/11/25 16:31	1

Eurofins Calscience

Client Sample Results

Client: Ninyo & Moore
Project/Site: LARAP Pacific Palisades & Rustic Canyons

Job ID: 570-233498-1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: PP-2

Date Collected: 06/05/25 09:40

Date Received: 06/05/25 18:38

Lab Sample ID: 570-233498-8

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	ND		0.97		ug/Kg		06/11/25 08:00	06/11/25 16:31	1
1,3,5-Trimethylbenzene	ND		1.9		ug/Kg		06/11/25 08:00	06/11/25 16:31	1
1,3-Dichlorobenzene	ND		0.97		ug/Kg		06/11/25 08:00	06/11/25 16:31	1
1,3-Dichloropropane	ND		0.97		ug/Kg		06/11/25 08:00	06/11/25 16:31	1
1,4-Dichlorobenzene	ND		0.97		ug/Kg		06/11/25 08:00	06/11/25 16:31	1
2,2-Dichloropropane	ND		4.8		ug/Kg		06/11/25 08:00	06/11/25 16:31	1
2-Butanone (MEK)	ND		19		ug/Kg		06/11/25 08:00	06/11/25 16:31	1
2-Chlorotoluene	ND		0.97		ug/Kg		06/11/25 08:00	06/11/25 16:31	1
2-Hexanone	ND		19		ug/Kg		06/11/25 08:00	06/11/25 16:31	1
4-Chlorotoluene	ND		0.97		ug/Kg		06/11/25 08:00	06/11/25 16:31	1
4-Methyl-2-pentanone (MIBK)	ND		19		ug/Kg		06/11/25 08:00	06/11/25 16:31	1
Acetone	ND		19		ug/Kg		06/11/25 08:00	06/11/25 16:31	1
Benzene	ND		0.97		ug/Kg		06/11/25 08:00	06/11/25 16:31	1
Bromobenzene	ND		0.97		ug/Kg		06/11/25 08:00	06/11/25 16:31	1
Bromochloromethane	ND		1.9		ug/Kg		06/11/25 08:00	06/11/25 16:31	1
Bromodichloromethane	ND		0.97		ug/Kg		06/11/25 08:00	06/11/25 16:31	1
Bromoform	ND		4.8		ug/Kg		06/11/25 08:00	06/11/25 16:31	1
Bromomethane	ND		19		ug/Kg		06/11/25 08:00	06/11/25 16:31	1
cis-1,2-Dichloroethene	ND		0.97		ug/Kg		06/11/25 08:00	06/11/25 16:31	1
cis-1,3-Dichloropropene	ND		0.97		ug/Kg		06/11/25 08:00	06/11/25 16:31	1
Carbon disulfide	ND		9.7		ug/Kg		06/11/25 08:00	06/11/25 16:31	1
Carbon tetrachloride	ND		0.97		ug/Kg		06/11/25 08:00	06/11/25 16:31	1
Chlorobenzene	ND		0.97		ug/Kg		06/11/25 08:00	06/11/25 16:31	1
Chloroethane	ND		1.9		ug/Kg		06/11/25 08:00	06/11/25 16:31	1
Chloroform	ND		0.97		ug/Kg		06/11/25 08:00	06/11/25 16:31	1
Chloromethane	ND		19		ug/Kg		06/11/25 08:00	06/11/25 16:31	1
Dibromochloromethane	ND		1.9		ug/Kg		06/11/25 08:00	06/11/25 16:31	1
Dibromomethane	ND		0.97		ug/Kg		06/11/25 08:00	06/11/25 16:31	1
Dichlorodifluoromethane	ND		1.9		ug/Kg		06/11/25 08:00	06/11/25 16:31	1
Di-isopropyl ether (DIPE)	ND		0.97		ug/Kg		06/11/25 08:00	06/11/25 16:31	1
Ethanol	ND		240		ug/Kg		06/11/25 08:00	06/11/25 16:31	1
Ethylbenzene	ND		0.97		ug/Kg		06/11/25 08:00	06/11/25 16:31	1
Ethyl-t-butyl ether (ETBE)	ND		0.97		ug/Kg		06/11/25 08:00	06/11/25 16:31	1
Isopropylbenzene	ND		0.97		ug/Kg		06/11/25 08:00	06/11/25 16:31	1
Methylene Chloride	ND		9.7		ug/Kg		06/11/25 08:00	06/11/25 16:31	1
Methyl-t-Butyl Ether (MTBE)	ND		1.9		ug/Kg		06/11/25 08:00	06/11/25 16:31	1
Naphthalene	ND		9.7		ug/Kg		06/11/25 08:00	06/11/25 16:31	1
n-Butylbenzene	ND		0.97		ug/Kg		06/11/25 08:00	06/11/25 16:31	1
N-Propylbenzene	ND		1.9		ug/Kg		06/11/25 08:00	06/11/25 16:31	1
o-Xylene	ND		0.97		ug/Kg		06/11/25 08:00	06/11/25 16:31	1
m,p-Xylene	ND		1.9		ug/Kg		06/11/25 08:00	06/11/25 16:31	1
p-Isopropyltoluene	ND		0.97		ug/Kg		06/11/25 08:00	06/11/25 16:31	1
sec-Butylbenzene	ND		0.97		ug/Kg		06/11/25 08:00	06/11/25 16:31	1
Styrene	ND		0.97		ug/Kg		06/11/25 08:00	06/11/25 16:31	1
trans-1,2-Dichloroethene	ND		0.97		ug/Kg		06/11/25 08:00	06/11/25 16:31	1
trans-1,3-Dichloropropene	ND		1.9		ug/Kg		06/11/25 08:00	06/11/25 16:31	1
Tert-amyl-methyl ether (TAME)	ND		0.97		ug/Kg		06/11/25 08:00	06/11/25 16:31	1
tert-Butyl alcohol (TBA)	ND		19		ug/Kg		06/11/25 08:00	06/11/25 16:31	1
tert-Butylbenzene	ND		0.97		ug/Kg		06/11/25 08:00	06/11/25 16:31	1

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Client Sample Results

Client: Ninyo & Moore
Project/Site: LARAP Pacific Palisades & Rustic Canyons

Job ID: 570-233498-1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: PP-2

Date Collected: 06/05/25 09:40

Date Received: 06/05/25 18:38

Lab Sample ID: 570-233498-8

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	ND		0.97		ug/Kg		06/11/25 08:00	06/11/25 16:31	1
Toluene	ND		0.97		ug/Kg		06/11/25 08:00	06/11/25 16:31	1
Trichloroethene	ND		1.9		ug/Kg		06/11/25 08:00	06/11/25 16:31	1
Trichlorofluoromethane	ND		9.7		ug/Kg		06/11/25 08:00	06/11/25 16:31	1
Vinyl acetate	ND	+	9.7		ug/Kg		06/11/25 08:00	06/11/25 16:31	1
Vinyl chloride	ND		0.97		ug/Kg		06/11/25 08:00	06/11/25 16:31	1
Xylenes, Total	ND		1.9		ug/Kg		06/11/25 08:00	06/11/25 16:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	124		32 - 179	06/11/25 08:00	06/11/25 16:31	1
4-Bromofluorobenzene (Surr)	99		80 - 120	06/11/25 08:00	06/11/25 16:31	1
Dibromofluoromethane (Surr)	111		58 - 147	06/11/25 08:00	06/11/25 16:31	1
Toluene-d8 (Surr)	100		80 - 120	06/11/25 08:00	06/11/25 16:31	1

Client Sample ID: PP-3

Date Collected: 06/05/25 10:00

Date Received: 06/05/25 18:38

Lab Sample ID: 570-233498-9

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.2		ug/Kg		06/09/25 10:39	06/10/25 01:20	1
1,1,1-Trichloroethane	ND		1.2		ug/Kg		06/09/25 10:39	06/10/25 01:20	1
1,1,2,2-Tetrachloroethane	ND		2.4		ug/Kg		06/09/25 10:39	06/10/25 01:20	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		12		ug/Kg		06/09/25 10:39	06/10/25 01:20	1
1,1,2-Trichloroethane	ND		1.2		ug/Kg		06/09/25 10:39	06/10/25 01:20	1
1,1-Dichloroethane	ND		1.2		ug/Kg		06/09/25 10:39	06/10/25 01:20	1
1,1-Dichloroethene	ND		1.2		ug/Kg		06/09/25 10:39	06/10/25 01:20	1
1,1-Dichloropropene	ND		2.4		ug/Kg		06/09/25 10:39	06/10/25 01:20	1
1,2,3-Trichlorobenzene	ND		2.4		ug/Kg		06/09/25 10:39	06/10/25 01:20	1
1,2,3-Trichloropropane	ND		2.4		ug/Kg		06/09/25 10:39	06/10/25 01:20	1
1,2,4-Trichlorobenzene	ND		2.4		ug/Kg		06/09/25 10:39	06/10/25 01:20	1
1,2,4-Trimethylbenzene	ND		2.4		ug/Kg		06/09/25 10:39	06/10/25 01:20	1
1,2-Dibromo-3-Chloropropane	ND		12		ug/Kg		06/09/25 10:39	06/10/25 01:20	1
1,2-Dibromoethane	ND		1.2		ug/Kg		06/09/25 10:39	06/10/25 01:20	1
1,2-Dichlorobenzene	ND		1.2		ug/Kg		06/09/25 10:39	06/10/25 01:20	1
1,2-Dichloroethane	ND		1.2		ug/Kg		06/09/25 10:39	06/10/25 01:20	1
1,2-Dichloropropane	ND		1.2		ug/Kg		06/09/25 10:39	06/10/25 01:20	1
1,3,5-Trimethylbenzene	ND		2.4		ug/Kg		06/09/25 10:39	06/10/25 01:20	1
1,3-Dichlorobenzene	ND		1.2		ug/Kg		06/09/25 10:39	06/10/25 01:20	1
1,3-Dichloropropane	ND		1.2		ug/Kg		06/09/25 10:39	06/10/25 01:20	1
1,4-Dichlorobenzene	ND		1.2		ug/Kg		06/09/25 10:39	06/10/25 01:20	1
2,2-Dichloropropane	ND		5.9		ug/Kg		06/09/25 10:39	06/10/25 01:20	1
2-Butanone (MEK)	ND		24		ug/Kg		06/09/25 10:39	06/10/25 01:20	1
2-Chlorotoluene	ND		1.2		ug/Kg		06/09/25 10:39	06/10/25 01:20	1
2-Hexanone	ND		24		ug/Kg		06/09/25 10:39	06/10/25 01:20	1
4-Chlorotoluene	ND		1.2		ug/Kg		06/09/25 10:39	06/10/25 01:20	1
4-Methyl-2-pentanone (MIBK)	ND		24		ug/Kg		06/09/25 10:39	06/10/25 01:20	1
Acetone	180		24		ug/Kg		06/09/25 10:39	06/10/25 01:20	1
Benzene	ND		1.2		ug/Kg		06/09/25 10:39	06/10/25 01:20	1
Bromobenzene	ND		1.2		ug/Kg		06/09/25 10:39	06/10/25 01:20	1
Bromochloromethane	ND		2.4		ug/Kg		06/09/25 10:39	06/10/25 01:20	1
Bromodichloromethane	ND		1.2		ug/Kg		06/09/25 10:39	06/10/25 01:20	1

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Client Sample Results

Client: Ninyo & Moore
Project/Site: LARAP Pacific Palisades & Rustic Canyons

Job ID: 570-233498-1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: PP-3

Date Collected: 06/05/25 10:00

Date Received: 06/05/25 18:38

Lab Sample ID: 570-233498-9

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoform	ND		5.9		ug/Kg		06/09/25 10:39	06/10/25 01:20	1
Bromomethane	ND		24		ug/Kg		06/09/25 10:39	06/10/25 01:20	1
cis-1,2-Dichloroethene	ND		1.2		ug/Kg		06/09/25 10:39	06/10/25 01:20	1
cis-1,3-Dichloropropene	ND		1.2		ug/Kg		06/09/25 10:39	06/10/25 01:20	1
Carbon disulfide	ND		12		ug/Kg		06/09/25 10:39	06/10/25 01:20	1
Carbon tetrachloride	ND		1.2		ug/Kg		06/09/25 10:39	06/10/25 01:20	1
Chlorobenzene	ND		1.2		ug/Kg		06/09/25 10:39	06/10/25 01:20	1
Chloroethane	ND		2.4		ug/Kg		06/09/25 10:39	06/10/25 01:20	1
Chloroform	ND		1.2		ug/Kg		06/09/25 10:39	06/10/25 01:20	1
Chloromethane	ND		24		ug/Kg		06/09/25 10:39	06/10/25 01:20	1
Dibromochloromethane	ND		2.4		ug/Kg		06/09/25 10:39	06/10/25 01:20	1
Dibromomethane	ND		1.2		ug/Kg		06/09/25 10:39	06/10/25 01:20	1
Dichlorodifluoromethane	ND		2.4		ug/Kg		06/09/25 10:39	06/10/25 01:20	1
Di-isopropyl ether (DIPE)	ND		1.2		ug/Kg		06/09/25 10:39	06/10/25 01:20	1
Ethanol	ND		300		ug/Kg		06/09/25 10:39	06/10/25 01:20	1
Ethylbenzene	ND		1.2		ug/Kg		06/09/25 10:39	06/10/25 01:20	1
Ethyl-t-butyl ether (ETBE)	ND		1.2		ug/Kg		06/09/25 10:39	06/10/25 01:20	1
Isopropylbenzene	ND		1.2		ug/Kg		06/09/25 10:39	06/10/25 01:20	1
Methylene Chloride	ND		12		ug/Kg		06/09/25 10:39	06/10/25 01:20	1
Methyl-t-Butyl Ether (MTBE)	ND		2.4		ug/Kg		06/09/25 10:39	06/10/25 01:20	1
Naphthalene	ND		12		ug/Kg		06/09/25 10:39	06/10/25 01:20	1
n-Butylbenzene	ND		1.2		ug/Kg		06/09/25 10:39	06/10/25 01:20	1
N-Propylbenzene	ND		2.4		ug/Kg		06/09/25 10:39	06/10/25 01:20	1
o-Xylene	ND		1.2		ug/Kg		06/09/25 10:39	06/10/25 01:20	1
m,p-Xylene	ND		2.4		ug/Kg		06/09/25 10:39	06/10/25 01:20	1
p-Isopropyltoluene	ND		1.2		ug/Kg		06/09/25 10:39	06/10/25 01:20	1
sec-Butylbenzene	ND		1.2		ug/Kg		06/09/25 10:39	06/10/25 01:20	1
Styrene	ND		1.2		ug/Kg		06/09/25 10:39	06/10/25 01:20	1
trans-1,2-Dichloroethene	ND		1.2		ug/Kg		06/09/25 10:39	06/10/25 01:20	1
trans-1,3-Dichloropropene	ND		2.4		ug/Kg		06/09/25 10:39	06/10/25 01:20	1
Tert-amyl-methyl ether (TAME)	ND		1.2		ug/Kg		06/09/25 10:39	06/10/25 01:20	1
tert-Butyl alcohol (TBA)	ND		24		ug/Kg		06/09/25 10:39	06/10/25 01:20	1
tert-Butylbenzene	ND		1.2		ug/Kg		06/09/25 10:39	06/10/25 01:20	1
Tetrachloroethene	ND		1.2		ug/Kg		06/09/25 10:39	06/10/25 01:20	1
Toluene	ND		1.2		ug/Kg		06/09/25 10:39	06/10/25 01:20	1
Trichloroethene	ND		2.4		ug/Kg		06/09/25 10:39	06/10/25 01:20	1
Trichlorofluoromethane	ND		12		ug/Kg		06/09/25 10:39	06/10/25 01:20	1
Vinyl acetate	ND		12		ug/Kg		06/09/25 10:39	06/10/25 01:20	1
Vinyl chloride	ND		1.2		ug/Kg		06/09/25 10:39	06/10/25 01:20	1
Xylenes, Total	ND		2.4		ug/Kg		06/09/25 10:39	06/10/25 01:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	112		32 - 179	06/09/25 10:39	06/10/25 01:20	1
4-Bromofluorobenzene (Surr)	103		80 - 120	06/09/25 10:39	06/10/25 01:20	1
Dibromofluoromethane (Surr)	100		58 - 147	06/09/25 10:39	06/10/25 01:20	1
Toluene-d8 (Surr)	100		80 - 120	06/09/25 10:39	06/10/25 01:20	1

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Client Sample Results

Client: Ninyo & Moore
Project/Site: LARAP Pacific Palisades & Rustic Canyons

Job ID: 570-233498-1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: PP-4

Date Collected: 06/05/25 09:50

Date Received: 06/05/25 18:38

Lab Sample ID: 570-233498-10

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		3.7		ug/Kg		06/09/25 10:39	06/10/25 11:12	1
1,1,1-Trichloroethane	ND		3.7		ug/Kg		06/09/25 10:39	06/10/25 11:12	1
1,1,2,2-Tetrachloroethane	ND		7.5		ug/Kg		06/09/25 10:39	06/10/25 11:12	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		37		ug/Kg		06/09/25 10:39	06/10/25 11:12	1
1,1,2-Trichloroethane	ND		3.7		ug/Kg		06/09/25 10:39	06/10/25 11:12	1
1,1-Dichloroethane	ND		3.7		ug/Kg		06/09/25 10:39	06/10/25 11:12	1
1,1-Dichloroethene	ND		3.7		ug/Kg		06/09/25 10:39	06/10/25 11:12	1
1,1-Dichloropropene	ND		7.5		ug/Kg		06/09/25 10:39	06/10/25 11:12	1
1,2,3-Trichlorobenzene	ND		7.5		ug/Kg		06/09/25 10:39	06/10/25 11:12	1
1,2,3-Trichloropropane	ND		7.5		ug/Kg		06/09/25 10:39	06/10/25 11:12	1
1,2,4-Trichlorobenzene	ND		7.5		ug/Kg		06/09/25 10:39	06/10/25 11:12	1
1,2,4-Trimethylbenzene	ND		7.5		ug/Kg		06/09/25 10:39	06/10/25 11:12	1
1,2-Dibromo-3-Chloropropane	ND		37		ug/Kg		06/09/25 10:39	06/10/25 11:12	1
1,2-Dibromoethane	ND		3.7		ug/Kg		06/09/25 10:39	06/10/25 11:12	1
1,2-Dichlorobenzene	ND		3.7		ug/Kg		06/09/25 10:39	06/10/25 11:12	1
1,2-Dichloroethane	ND		3.7		ug/Kg		06/09/25 10:39	06/10/25 11:12	1
1,2-Dichloropropane	ND		3.7		ug/Kg		06/09/25 10:39	06/10/25 11:12	1
1,3,5-Trimethylbenzene	ND		7.5		ug/Kg		06/09/25 10:39	06/10/25 11:12	1
1,3-Dichlorobenzene	ND		3.7		ug/Kg		06/09/25 10:39	06/10/25 11:12	1
1,3-Dichloropropane	ND		3.7		ug/Kg		06/09/25 10:39	06/10/25 11:12	1
1,4-Dichlorobenzene	ND		3.7		ug/Kg		06/09/25 10:39	06/10/25 11:12	1
2,2-Dichloropropane	ND		19		ug/Kg		06/09/25 10:39	06/10/25 11:12	1
2-Butanone (MEK)	ND		75		ug/Kg		06/09/25 10:39	06/10/25 11:12	1
2-Chlorotoluene	ND		3.7		ug/Kg		06/09/25 10:39	06/10/25 11:12	1
2-Hexanone	ND		75		ug/Kg		06/09/25 10:39	06/10/25 11:12	1
4-Chlorotoluene	ND		3.7		ug/Kg		06/09/25 10:39	06/10/25 11:12	1
4-Methyl-2-pentanone (MIBK)	ND		75		ug/Kg		06/09/25 10:39	06/10/25 11:12	1
Acetone	1900	E	75		ug/Kg		06/09/25 10:39	06/10/25 11:12	1
Benzene	13		3.7		ug/Kg		06/09/25 10:39	06/10/25 11:12	1
Bromobenzene	ND		3.7		ug/Kg		06/09/25 10:39	06/10/25 11:12	1
Bromochloromethane	ND		7.5		ug/Kg		06/09/25 10:39	06/10/25 11:12	1
Bromodichloromethane	ND		3.7		ug/Kg		06/09/25 10:39	06/10/25 11:12	1
Bromoform	ND		19		ug/Kg		06/09/25 10:39	06/10/25 11:12	1
Bromomethane	ND		75		ug/Kg		06/09/25 10:39	06/10/25 11:12	1
cis-1,2-Dichloroethene	ND		3.7		ug/Kg		06/09/25 10:39	06/10/25 11:12	1
cis-1,3-Dichloropropene	ND		3.7		ug/Kg		06/09/25 10:39	06/10/25 11:12	1
Carbon disulfide	ND		37		ug/Kg		06/09/25 10:39	06/10/25 11:12	1
Carbon tetrachloride	ND		3.7		ug/Kg		06/09/25 10:39	06/10/25 11:12	1
Chlorobenzene	ND		3.7		ug/Kg		06/09/25 10:39	06/10/25 11:12	1
Chloroethane	ND		7.5		ug/Kg		06/09/25 10:39	06/10/25 11:12	1
Chloroform	ND		3.7		ug/Kg		06/09/25 10:39	06/10/25 11:12	1
Chloromethane	ND		75		ug/Kg		06/09/25 10:39	06/10/25 11:12	1
Dibromochloromethane	ND		7.5		ug/Kg		06/09/25 10:39	06/10/25 11:12	1
Dibromomethane	ND		3.7		ug/Kg		06/09/25 10:39	06/10/25 11:12	1
Dichlorodifluoromethane	ND		7.5		ug/Kg		06/09/25 10:39	06/10/25 11:12	1
Di-isopropyl ether (DIPE)	ND		3.7		ug/Kg		06/09/25 10:39	06/10/25 11:12	1
Ethanol	ND		940		ug/Kg		06/09/25 10:39	06/10/25 11:12	1
Ethylbenzene	ND		3.7		ug/Kg		06/09/25 10:39	06/10/25 11:12	1
Ethyl-t-butyl ether (ETBE)	ND		3.7		ug/Kg		06/09/25 10:39	06/10/25 11:12	1

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Client Sample Results

Client: Ninyo & Moore
Project/Site: LARAP Pacific Palisades & Rustic Canyons

Job ID: 570-233498-1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: PP-4

Date Collected: 06/05/25 09:50

Date Received: 06/05/25 18:38

Lab Sample ID: 570-233498-10

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	ND		3.7		ug/Kg		06/09/25 10:39	06/10/25 11:12	1
Methylene Chloride	ND		37		ug/Kg		06/09/25 10:39	06/10/25 11:12	1
Methyl-t-Butyl Ether (MTBE)	ND		7.5		ug/Kg		06/09/25 10:39	06/10/25 11:12	1
Naphthalene	ND		37		ug/Kg		06/09/25 10:39	06/10/25 11:12	1
n-Butylbenzene	ND		3.7		ug/Kg		06/09/25 10:39	06/10/25 11:12	1
N-Propylbenzene	ND		7.5		ug/Kg		06/09/25 10:39	06/10/25 11:12	1
o-Xylene	ND		3.7		ug/Kg		06/09/25 10:39	06/10/25 11:12	1
m,p-Xylene	ND		7.5		ug/Kg		06/09/25 10:39	06/10/25 11:12	1
p-Isopropyltoluene	18		3.7		ug/Kg		06/09/25 10:39	06/10/25 11:12	1
sec-Butylbenzene	ND		3.7		ug/Kg		06/09/25 10:39	06/10/25 11:12	1
Styrene	ND		3.7		ug/Kg		06/09/25 10:39	06/10/25 11:12	1
trans-1,2-Dichloroethene	ND		3.7		ug/Kg		06/09/25 10:39	06/10/25 11:12	1
trans-1,3-Dichloropropene	ND		7.5		ug/Kg		06/09/25 10:39	06/10/25 11:12	1
Tert-amyl-methyl ether (TAME)	ND		3.7		ug/Kg		06/09/25 10:39	06/10/25 11:12	1
tert-Butyl alcohol (TBA)	ND		75		ug/Kg		06/09/25 10:39	06/10/25 11:12	1
tert-Butylbenzene	ND		3.7		ug/Kg		06/09/25 10:39	06/10/25 11:12	1
Tetrachloroethene	ND		3.7		ug/Kg		06/09/25 10:39	06/10/25 11:12	1
Toluene	14		3.7		ug/Kg		06/09/25 10:39	06/10/25 11:12	1
Trichloroethene	ND		7.5		ug/Kg		06/09/25 10:39	06/10/25 11:12	1
Trichlorofluoromethane	ND		37		ug/Kg		06/09/25 10:39	06/10/25 11:12	1
Vinyl acetate	ND		37		ug/Kg		06/09/25 10:39	06/10/25 11:12	1
Vinyl chloride	ND		3.7		ug/Kg		06/09/25 10:39	06/10/25 11:12	1
Xylenes, Total	ND		7.5		ug/Kg		06/09/25 10:39	06/10/25 11:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	108		32 - 179	06/09/25 10:39	06/10/25 11:12	1
4-Bromofluorobenzene (Surr)	84		80 - 120	06/09/25 10:39	06/10/25 11:12	1
Dibromofluoromethane (Surr)	100		58 - 147	06/09/25 10:39	06/10/25 11:12	1
Toluene-d8 (Surr)	96		80 - 120	06/09/25 10:39	06/10/25 11:12	1

Client Sample ID: PP-5

Date Collected: 06/05/25 10:10

Date Received: 06/05/25 18:38

Lab Sample ID: 570-233498-11

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.3		ug/Kg		06/09/25 10:39	06/10/25 11:33	1
1,1,1-Trichloroethane	ND		2.3		ug/Kg		06/09/25 10:39	06/10/25 11:33	1
1,1,2,2-Tetrachloroethane	ND		4.5		ug/Kg		06/09/25 10:39	06/10/25 11:33	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		23		ug/Kg		06/09/25 10:39	06/10/25 11:33	1
1,1,2-Trichloroethane	ND		2.3		ug/Kg		06/09/25 10:39	06/10/25 11:33	1
1,1-Dichloroethane	ND		2.3		ug/Kg		06/09/25 10:39	06/10/25 11:33	1
1,1-Dichloroethene	ND		2.3		ug/Kg		06/09/25 10:39	06/10/25 11:33	1
1,1-Dichloropropene	ND		4.5		ug/Kg		06/09/25 10:39	06/10/25 11:33	1
1,2,3-Trichlorobenzene	ND		4.5		ug/Kg		06/09/25 10:39	06/10/25 11:33	1
1,2,3-Trichloropropane	ND		4.5		ug/Kg		06/09/25 10:39	06/10/25 11:33	1
1,2,4-Trichlorobenzene	ND		4.5		ug/Kg		06/09/25 10:39	06/10/25 11:33	1
1,2,4-Trimethylbenzene	ND		4.5		ug/Kg		06/09/25 10:39	06/10/25 11:33	1
1,2-Dibromo-3-Chloropropane	ND		23		ug/Kg		06/09/25 10:39	06/10/25 11:33	1
1,2-Dibromoethane	ND		2.3		ug/Kg		06/09/25 10:39	06/10/25 11:33	1
1,2-Dichlorobenzene	ND		2.3		ug/Kg		06/09/25 10:39	06/10/25 11:33	1
1,2-Dichloroethane	ND		2.3		ug/Kg		06/09/25 10:39	06/10/25 11:33	1

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Client Sample Results

Client: Ninyo & Moore
Project/Site: LARAP Pacific Palisades & Rustic Canyons

Job ID: 570-233498-1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: PP-5

Date Collected: 06/05/25 10:10

Date Received: 06/05/25 18:38

Lab Sample ID: 570-233498-11

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	ND		2.3		ug/Kg		06/09/25 10:39	06/10/25 11:33	1
1,3,5-Trimethylbenzene	ND		4.5		ug/Kg		06/09/25 10:39	06/10/25 11:33	1
1,3-Dichlorobenzene	ND		2.3		ug/Kg		06/09/25 10:39	06/10/25 11:33	1
1,3-Dichloropropane	ND		2.3		ug/Kg		06/09/25 10:39	06/10/25 11:33	1
1,4-Dichlorobenzene	ND		2.3		ug/Kg		06/09/25 10:39	06/10/25 11:33	1
2,2-Dichloropropane	ND		11		ug/Kg		06/09/25 10:39	06/10/25 11:33	1
2-Butanone (MEK)	ND		45		ug/Kg		06/09/25 10:39	06/10/25 11:33	1
2-Chlorotoluene	ND		2.3		ug/Kg		06/09/25 10:39	06/10/25 11:33	1
2-Hexanone	ND		45		ug/Kg		06/09/25 10:39	06/10/25 11:33	1
4-Chlorotoluene	ND		2.3		ug/Kg		06/09/25 10:39	06/10/25 11:33	1
4-Methyl-2-pentanone (MIBK)	ND		45		ug/Kg		06/09/25 10:39	06/10/25 11:33	1
Acetone	460	E	45		ug/Kg		06/09/25 10:39	06/10/25 11:33	1
Benzene	ND		2.3		ug/Kg		06/09/25 10:39	06/10/25 11:33	1
Bromobenzene	ND		2.3		ug/Kg		06/09/25 10:39	06/10/25 11:33	1
Bromochloromethane	ND		4.5		ug/Kg		06/09/25 10:39	06/10/25 11:33	1
Bromodichloromethane	ND		2.3		ug/Kg		06/09/25 10:39	06/10/25 11:33	1
Bromoform	ND		11		ug/Kg		06/09/25 10:39	06/10/25 11:33	1
Bromomethane	ND		45		ug/Kg		06/09/25 10:39	06/10/25 11:33	1
cis-1,2-Dichloroethene	ND		2.3		ug/Kg		06/09/25 10:39	06/10/25 11:33	1
cis-1,3-Dichloropropene	ND		2.3		ug/Kg		06/09/25 10:39	06/10/25 11:33	1
Carbon disulfide	ND		23		ug/Kg		06/09/25 10:39	06/10/25 11:33	1
Carbon tetrachloride	ND		2.3		ug/Kg		06/09/25 10:39	06/10/25 11:33	1
Chlorobenzene	ND		2.3		ug/Kg		06/09/25 10:39	06/10/25 11:33	1
Chloroethane	ND		4.5		ug/Kg		06/09/25 10:39	06/10/25 11:33	1
Chloroform	ND		2.3		ug/Kg		06/09/25 10:39	06/10/25 11:33	1
Chloromethane	ND		45		ug/Kg		06/09/25 10:39	06/10/25 11:33	1
Dibromochloromethane	ND		4.5		ug/Kg		06/09/25 10:39	06/10/25 11:33	1
Dibromomethane	ND		2.3		ug/Kg		06/09/25 10:39	06/10/25 11:33	1
Dichlorodifluoromethane	ND		4.5		ug/Kg		06/09/25 10:39	06/10/25 11:33	1
Di-isopropyl ether (DIPE)	ND		2.3		ug/Kg		06/09/25 10:39	06/10/25 11:33	1
Ethanol	ND		560		ug/Kg		06/09/25 10:39	06/10/25 11:33	1
Ethylbenzene	ND		2.3		ug/Kg		06/09/25 10:39	06/10/25 11:33	1
Ethyl-t-butyl ether (ETBE)	ND		2.3		ug/Kg		06/09/25 10:39	06/10/25 11:33	1
Isopropylbenzene	ND		2.3		ug/Kg		06/09/25 10:39	06/10/25 11:33	1
Methylene Chloride	ND		23		ug/Kg		06/09/25 10:39	06/10/25 11:33	1
Methyl-t-Butyl Ether (MTBE)	ND		4.5		ug/Kg		06/09/25 10:39	06/10/25 11:33	1
Naphthalene	ND		23		ug/Kg		06/09/25 10:39	06/10/25 11:33	1
n-Butylbenzene	ND		2.3		ug/Kg		06/09/25 10:39	06/10/25 11:33	1
N-Propylbenzene	ND		4.5		ug/Kg		06/09/25 10:39	06/10/25 11:33	1
o-Xylene	ND		2.3		ug/Kg		06/09/25 10:39	06/10/25 11:33	1
m,p-Xylene	ND		4.5		ug/Kg		06/09/25 10:39	06/10/25 11:33	1
p-Isopropyltoluene	ND		2.3		ug/Kg		06/09/25 10:39	06/10/25 11:33	1
sec-Butylbenzene	ND		2.3		ug/Kg		06/09/25 10:39	06/10/25 11:33	1
Styrene	ND		2.3		ug/Kg		06/09/25 10:39	06/10/25 11:33	1
trans-1,2-Dichloroethene	ND		2.3		ug/Kg		06/09/25 10:39	06/10/25 11:33	1
trans-1,3-Dichloropropene	ND		4.5		ug/Kg		06/09/25 10:39	06/10/25 11:33	1
Tert-amyl-methyl ether (TAME)	ND		2.3		ug/Kg		06/09/25 10:39	06/10/25 11:33	1
tert-Butyl alcohol (TBA)	ND		45		ug/Kg		06/09/25 10:39	06/10/25 11:33	1
tert-Butylbenzene	ND		2.3		ug/Kg		06/09/25 10:39	06/10/25 11:33	1

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Client Sample Results

Client: Ninyo & Moore
Project/Site: LARAP Pacific Palisades & Rustic Canyons

Job ID: 570-233498-1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: PP-5

Date Collected: 06/05/25 10:10

Date Received: 06/05/25 18:38

Lab Sample ID: 570-233498-11

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	ND		2.3		ug/Kg		06/09/25 10:39	06/10/25 11:33	1
Toluene	ND		2.3		ug/Kg		06/09/25 10:39	06/10/25 11:33	1
Trichloroethene	ND		4.5		ug/Kg		06/09/25 10:39	06/10/25 11:33	1
Trichlorofluoromethane	ND		23		ug/Kg		06/09/25 10:39	06/10/25 11:33	1
Vinyl acetate	ND		23		ug/Kg		06/09/25 10:39	06/10/25 11:33	1
Vinyl chloride	ND		2.3		ug/Kg		06/09/25 10:39	06/10/25 11:33	1
Xylenes, Total	ND		4.5		ug/Kg		06/09/25 10:39	06/10/25 11:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	112		32 - 179	06/09/25 10:39	06/10/25 11:33	1
4-Bromofluorobenzene (Surr)	91		80 - 120	06/09/25 10:39	06/10/25 11:33	1
Dibromofluoromethane (Surr)	103		58 - 147	06/09/25 10:39	06/10/25 11:33	1
Toluene-d8 (Surr)	98		80 - 120	06/09/25 10:39	06/10/25 11:33	1

Client Sample ID: PP-6

Date Collected: 06/05/25 10:20

Date Received: 06/05/25 18:38

Lab Sample ID: 570-233498-12

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.9		ug/Kg		06/09/25 10:39	06/10/25 01:43	1
1,1,1-Trichloroethane	ND		1.9		ug/Kg		06/09/25 10:39	06/10/25 01:43	1
1,1,2,2-Tetrachloroethane	ND		3.8		ug/Kg		06/09/25 10:39	06/10/25 01:43	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		19		ug/Kg		06/09/25 10:39	06/10/25 01:43	1
1,1,2-Trichloroethane	ND		1.9		ug/Kg		06/09/25 10:39	06/10/25 01:43	1
1,1-Dichloroethane	ND		1.9		ug/Kg		06/09/25 10:39	06/10/25 01:43	1
1,1-Dichloroethene	ND		1.9		ug/Kg		06/09/25 10:39	06/10/25 01:43	1
1,1-Dichloropropene	ND		3.8		ug/Kg		06/09/25 10:39	06/10/25 01:43	1
1,2,3-Trichlorobenzene	ND		3.8		ug/Kg		06/09/25 10:39	06/10/25 01:43	1
1,2,3-Trichloropropane	ND		3.8		ug/Kg		06/09/25 10:39	06/10/25 01:43	1
1,2,4-Trichlorobenzene	ND		3.8		ug/Kg		06/09/25 10:39	06/10/25 01:43	1
1,2,4-Trimethylbenzene	ND		3.8		ug/Kg		06/09/25 10:39	06/10/25 01:43	1
1,2-Dibromo-3-Chloropropane	ND		19		ug/Kg		06/09/25 10:39	06/10/25 01:43	1
1,2-Dibromoethane	ND		1.9		ug/Kg		06/09/25 10:39	06/10/25 01:43	1
1,2-Dichlorobenzene	ND		1.9		ug/Kg		06/09/25 10:39	06/10/25 01:43	1
1,2-Dichloroethane	ND		1.9		ug/Kg		06/09/25 10:39	06/10/25 01:43	1
1,2-Dichloropropane	ND		1.9		ug/Kg		06/09/25 10:39	06/10/25 01:43	1
1,3,5-Trimethylbenzene	ND		3.8		ug/Kg		06/09/25 10:39	06/10/25 01:43	1
1,3-Dichlorobenzene	ND		1.9		ug/Kg		06/09/25 10:39	06/10/25 01:43	1
1,3-Dichloropropane	ND		1.9		ug/Kg		06/09/25 10:39	06/10/25 01:43	1
1,4-Dichlorobenzene	ND		1.9		ug/Kg		06/09/25 10:39	06/10/25 01:43	1
2,2-Dichloropropane	ND		9.5		ug/Kg		06/09/25 10:39	06/10/25 01:43	1
2-Butanone (MEK)	ND		38		ug/Kg		06/09/25 10:39	06/10/25 01:43	1
2-Chlorotoluene	ND		1.9		ug/Kg		06/09/25 10:39	06/10/25 01:43	1
2-Hexanone	ND		38		ug/Kg		06/09/25 10:39	06/10/25 01:43	1
4-Chlorotoluene	ND		1.9		ug/Kg		06/09/25 10:39	06/10/25 01:43	1
4-Methyl-2-pentanone (MIBK)	ND		38		ug/Kg		06/09/25 10:39	06/10/25 01:43	1
Acetone	390	E	38		ug/Kg		06/09/25 10:39	06/10/25 01:43	1
Benzene	ND		1.9		ug/Kg		06/09/25 10:39	06/10/25 01:43	1
Bromobenzene	ND		1.9		ug/Kg		06/09/25 10:39	06/10/25 01:43	1
Bromochloromethane	ND		3.8		ug/Kg		06/09/25 10:39	06/10/25 01:43	1
Bromodichloromethane	ND		1.9		ug/Kg		06/09/25 10:39	06/10/25 01:43	1

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Client Sample Results

Client: Ninyo & Moore
Project/Site: LARAP Pacific Palisades & Rustic Canyons

Job ID: 570-233498-1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: PP-6

Date Collected: 06/05/25 10:20

Date Received: 06/05/25 18:38

Lab Sample ID: 570-233498-12

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoform	ND		9.5		ug/Kg		06/09/25 10:39	06/10/25 01:43	1
Bromomethane	ND		38		ug/Kg		06/09/25 10:39	06/10/25 01:43	1
cis-1,2-Dichloroethene	ND		1.9		ug/Kg		06/09/25 10:39	06/10/25 01:43	1
cis-1,3-Dichloropropene	ND		1.9		ug/Kg		06/09/25 10:39	06/10/25 01:43	1
Carbon disulfide	ND		19		ug/Kg		06/09/25 10:39	06/10/25 01:43	1
Carbon tetrachloride	ND		1.9		ug/Kg		06/09/25 10:39	06/10/25 01:43	1
Chlorobenzene	ND		1.9		ug/Kg		06/09/25 10:39	06/10/25 01:43	1
Chloroethane	ND		3.8		ug/Kg		06/09/25 10:39	06/10/25 01:43	1
Chloroform	ND		1.9		ug/Kg		06/09/25 10:39	06/10/25 01:43	1
Chloromethane	ND		38		ug/Kg		06/09/25 10:39	06/10/25 01:43	1
Dibromochloromethane	ND		3.8		ug/Kg		06/09/25 10:39	06/10/25 01:43	1
Dibromomethane	ND		1.9		ug/Kg		06/09/25 10:39	06/10/25 01:43	1
Dichlorodifluoromethane	ND		3.8		ug/Kg		06/09/25 10:39	06/10/25 01:43	1
Di-isopropyl ether (DIPE)	ND		1.9		ug/Kg		06/09/25 10:39	06/10/25 01:43	1
Ethanol	ND		470		ug/Kg		06/09/25 10:39	06/10/25 01:43	1
Ethylbenzene	ND		1.9		ug/Kg		06/09/25 10:39	06/10/25 01:43	1
Ethyl-t-butyl ether (ETBE)	ND		1.9		ug/Kg		06/09/25 10:39	06/10/25 01:43	1
Isopropylbenzene	ND		1.9		ug/Kg		06/09/25 10:39	06/10/25 01:43	1
Methylene Chloride	ND		19		ug/Kg		06/09/25 10:39	06/10/25 01:43	1
Methyl-t-Butyl Ether (MTBE)	ND		3.8		ug/Kg		06/09/25 10:39	06/10/25 01:43	1
Naphthalene	ND		19		ug/Kg		06/09/25 10:39	06/10/25 01:43	1
n-Butylbenzene	ND		1.9		ug/Kg		06/09/25 10:39	06/10/25 01:43	1
N-Propylbenzene	ND		3.8		ug/Kg		06/09/25 10:39	06/10/25 01:43	1
o-Xylene	ND		1.9		ug/Kg		06/09/25 10:39	06/10/25 01:43	1
m,p-Xylene	ND		3.8		ug/Kg		06/09/25 10:39	06/10/25 01:43	1
p-Isopropyltoluene	ND		1.9		ug/Kg		06/09/25 10:39	06/10/25 01:43	1
sec-Butylbenzene	ND		1.9		ug/Kg		06/09/25 10:39	06/10/25 01:43	1
Styrene	ND		1.9		ug/Kg		06/09/25 10:39	06/10/25 01:43	1
trans-1,2-Dichloroethene	ND		1.9		ug/Kg		06/09/25 10:39	06/10/25 01:43	1
trans-1,3-Dichloropropene	ND		3.8		ug/Kg		06/09/25 10:39	06/10/25 01:43	1
Tert-amyl-methyl ether (TAME)	ND		1.9		ug/Kg		06/09/25 10:39	06/10/25 01:43	1
tert-Butyl alcohol (TBA)	ND		38		ug/Kg		06/09/25 10:39	06/10/25 01:43	1
tert-Butylbenzene	ND		1.9		ug/Kg		06/09/25 10:39	06/10/25 01:43	1
Tetrachloroethene	ND		1.9		ug/Kg		06/09/25 10:39	06/10/25 01:43	1
Toluene	ND		1.9		ug/Kg		06/09/25 10:39	06/10/25 01:43	1
Trichloroethene	ND		3.8		ug/Kg		06/09/25 10:39	06/10/25 01:43	1
Trichlorofluoromethane	ND		19		ug/Kg		06/09/25 10:39	06/10/25 01:43	1
Vinyl acetate	ND		19		ug/Kg		06/09/25 10:39	06/10/25 01:43	1
Vinyl chloride	ND		1.9		ug/Kg		06/09/25 10:39	06/10/25 01:43	1
Xylenes, Total	ND		3.8		ug/Kg		06/09/25 10:39	06/10/25 01:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	119		32 - 179				06/09/25 10:39	06/10/25 01:43	1
4-Bromofluorobenzene (Surr)	101		80 - 120				06/09/25 10:39	06/10/25 01:43	1
Dibromofluoromethane (Surr)	108		58 - 147				06/09/25 10:39	06/10/25 01:43	1
Toluene-d8 (Surr)	100		80 - 120				06/09/25 10:39	06/10/25 01:43	1

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Client Sample Results

Client: Ninyo & Moore
Project/Site: LARAP Pacific Palisades & Rustic Canyons

Job ID: 570-233498-1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: GWPC-1

Date Collected: 06/05/25 11:20

Date Received: 06/05/25 18:38

Lab Sample ID: 570-233498-13

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.5		ug/Kg		06/09/25 10:39	06/10/25 02:06	1
1,1,1-Trichloroethane	ND		1.5		ug/Kg		06/09/25 10:39	06/10/25 02:06	1
1,1,2,2-Tetrachloroethane	ND		3.0		ug/Kg		06/09/25 10:39	06/10/25 02:06	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		15		ug/Kg		06/09/25 10:39	06/10/25 02:06	1
1,1,2-Trichloroethane	ND		1.5		ug/Kg		06/09/25 10:39	06/10/25 02:06	1
1,1-Dichloroethane	ND		1.5		ug/Kg		06/09/25 10:39	06/10/25 02:06	1
1,1-Dichloroethene	ND		1.5		ug/Kg		06/09/25 10:39	06/10/25 02:06	1
1,1-Dichloropropene	ND		3.0		ug/Kg		06/09/25 10:39	06/10/25 02:06	1
1,2,3-Trichlorobenzene	ND		3.0		ug/Kg		06/09/25 10:39	06/10/25 02:06	1
1,2,3-Trichloropropane	ND		3.0		ug/Kg		06/09/25 10:39	06/10/25 02:06	1
1,2,4-Trichlorobenzene	ND		3.0		ug/Kg		06/09/25 10:39	06/10/25 02:06	1
1,2,4-Trimethylbenzene	ND		3.0		ug/Kg		06/09/25 10:39	06/10/25 02:06	1
1,2-Dibromo-3-Chloropropane	ND		15		ug/Kg		06/09/25 10:39	06/10/25 02:06	1
1,2-Dibromoethane	ND		1.5		ug/Kg		06/09/25 10:39	06/10/25 02:06	1
1,2-Dichlorobenzene	ND		1.5		ug/Kg		06/09/25 10:39	06/10/25 02:06	1
1,2-Dichloroethane	ND		1.5		ug/Kg		06/09/25 10:39	06/10/25 02:06	1
1,2-Dichloropropane	ND		1.5		ug/Kg		06/09/25 10:39	06/10/25 02:06	1
1,3,5-Trimethylbenzene	ND		3.0		ug/Kg		06/09/25 10:39	06/10/25 02:06	1
1,3-Dichlorobenzene	ND		1.5		ug/Kg		06/09/25 10:39	06/10/25 02:06	1
1,3-Dichloropropane	ND		1.5		ug/Kg		06/09/25 10:39	06/10/25 02:06	1
1,4-Dichlorobenzene	ND		1.5		ug/Kg		06/09/25 10:39	06/10/25 02:06	1
2,2-Dichloropropane	ND		7.4		ug/Kg		06/09/25 10:39	06/10/25 02:06	1
2-Butanone (MEK)	ND		30		ug/Kg		06/09/25 10:39	06/10/25 02:06	1
2-Chlorotoluene	ND		1.5		ug/Kg		06/09/25 10:39	06/10/25 02:06	1
2-Hexanone	ND		30		ug/Kg		06/09/25 10:39	06/10/25 02:06	1
4-Chlorotoluene	ND		1.5		ug/Kg		06/09/25 10:39	06/10/25 02:06	1
4-Methyl-2-pentanone (MIBK)	ND		30		ug/Kg		06/09/25 10:39	06/10/25 02:06	1
Acetone	190		30		ug/Kg		06/09/25 10:39	06/10/25 02:06	1
Benzene	ND		1.5		ug/Kg		06/09/25 10:39	06/10/25 02:06	1
Bromobenzene	ND		1.5		ug/Kg		06/09/25 10:39	06/10/25 02:06	1
Bromochloromethane	ND		3.0		ug/Kg		06/09/25 10:39	06/10/25 02:06	1
Bromodichloromethane	ND		1.5		ug/Kg		06/09/25 10:39	06/10/25 02:06	1
Bromoform	ND		7.4		ug/Kg		06/09/25 10:39	06/10/25 02:06	1
Bromomethane	ND		30		ug/Kg		06/09/25 10:39	06/10/25 02:06	1
cis-1,2-Dichloroethene	ND		1.5		ug/Kg		06/09/25 10:39	06/10/25 02:06	1
cis-1,3-Dichloropropene	ND		1.5		ug/Kg		06/09/25 10:39	06/10/25 02:06	1
Carbon disulfide	ND		15		ug/Kg		06/09/25 10:39	06/10/25 02:06	1
Carbon tetrachloride	ND		1.5		ug/Kg		06/09/25 10:39	06/10/25 02:06	1
Chlorobenzene	ND		1.5		ug/Kg		06/09/25 10:39	06/10/25 02:06	1
Chloroethane	ND		3.0		ug/Kg		06/09/25 10:39	06/10/25 02:06	1
Chloroform	ND		1.5		ug/Kg		06/09/25 10:39	06/10/25 02:06	1
Chloromethane	ND		30		ug/Kg		06/09/25 10:39	06/10/25 02:06	1
Dibromochloromethane	ND		3.0		ug/Kg		06/09/25 10:39	06/10/25 02:06	1
Dibromomethane	ND		1.5		ug/Kg		06/09/25 10:39	06/10/25 02:06	1
Dichlorodifluoromethane	ND		3.0		ug/Kg		06/09/25 10:39	06/10/25 02:06	1
Di-isopropyl ether (DIPE)	ND		1.5		ug/Kg		06/09/25 10:39	06/10/25 02:06	1
Ethanol	ND		370		ug/Kg		06/09/25 10:39	06/10/25 02:06	1
Ethylbenzene	ND		1.5		ug/Kg		06/09/25 10:39	06/10/25 02:06	1
Ethyl-t-butyl ether (ETBE)	ND		1.5		ug/Kg		06/09/25 10:39	06/10/25 02:06	1

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Client Sample Results

Client: Ninyo & Moore
Project/Site: LARAP Pacific Palisades & Rustic Canyons

Job ID: 570-233498-1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: GWPC-1

Date Collected: 06/05/25 11:20

Date Received: 06/05/25 18:38

Lab Sample ID: 570-233498-13

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	ND		1.5		ug/Kg		06/09/25 10:39	06/10/25 02:06	1
Methylene Chloride	ND		15		ug/Kg		06/09/25 10:39	06/10/25 02:06	1
Methyl-t-Butyl Ether (MTBE)	ND		3.0		ug/Kg		06/09/25 10:39	06/10/25 02:06	1
Naphthalene	ND		15		ug/Kg		06/09/25 10:39	06/10/25 02:06	1
n-Butylbenzene	ND		1.5		ug/Kg		06/09/25 10:39	06/10/25 02:06	1
N-Propylbenzene	ND		3.0		ug/Kg		06/09/25 10:39	06/10/25 02:06	1
o-Xylene	ND		1.5		ug/Kg		06/09/25 10:39	06/10/25 02:06	1
m,p-Xylene	ND		3.0		ug/Kg		06/09/25 10:39	06/10/25 02:06	1
p-Isopropyltoluene	ND		1.5		ug/Kg		06/09/25 10:39	06/10/25 02:06	1
sec-Butylbenzene	ND		1.5		ug/Kg		06/09/25 10:39	06/10/25 02:06	1
Styrene	ND		1.5		ug/Kg		06/09/25 10:39	06/10/25 02:06	1
trans-1,2-Dichloroethene	ND		1.5		ug/Kg		06/09/25 10:39	06/10/25 02:06	1
trans-1,3-Dichloropropene	ND		3.0		ug/Kg		06/09/25 10:39	06/10/25 02:06	1
Tert-amyl-methyl ether (TAME)	ND		1.5		ug/Kg		06/09/25 10:39	06/10/25 02:06	1
tert-Butyl alcohol (TBA)	ND		30		ug/Kg		06/09/25 10:39	06/10/25 02:06	1
tert-Butylbenzene	ND		1.5		ug/Kg		06/09/25 10:39	06/10/25 02:06	1
Tetrachloroethene	ND		1.5		ug/Kg		06/09/25 10:39	06/10/25 02:06	1
Toluene	ND		1.5		ug/Kg		06/09/25 10:39	06/10/25 02:06	1
Trichloroethene	ND		3.0		ug/Kg		06/09/25 10:39	06/10/25 02:06	1
Trichlorofluoromethane	ND		15		ug/Kg		06/09/25 10:39	06/10/25 02:06	1
Vinyl acetate	ND		15		ug/Kg		06/09/25 10:39	06/10/25 02:06	1
Vinyl chloride	ND		1.5		ug/Kg		06/09/25 10:39	06/10/25 02:06	1
Xylenes, Total	ND		3.0		ug/Kg		06/09/25 10:39	06/10/25 02:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	122		32 - 179	06/09/25 10:39	06/10/25 02:06	1
4-Bromofluorobenzene (Surr)	104		80 - 120	06/09/25 10:39	06/10/25 02:06	1
Dibromofluoromethane (Surr)	108		58 - 147	06/09/25 10:39	06/10/25 02:06	1
Toluene-d8 (Surr)	100		80 - 120	06/09/25 10:39	06/10/25 02:06	1

Client Sample ID: GWPC-2

Date Collected: 06/05/25 11:30

Date Received: 06/05/25 18:38

Lab Sample ID: 570-233498-14

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.2		ug/Kg		06/09/25 10:39	06/10/25 02:29	1
1,1,1-Trichloroethane	ND		1.2		ug/Kg		06/09/25 10:39	06/10/25 02:29	1
1,1,2,2-Tetrachloroethane	ND		2.5		ug/Kg		06/09/25 10:39	06/10/25 02:29	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		12		ug/Kg		06/09/25 10:39	06/10/25 02:29	1
1,1,2-Trichloroethane	ND		1.2		ug/Kg		06/09/25 10:39	06/10/25 02:29	1
1,1-Dichloroethane	ND		1.2		ug/Kg		06/09/25 10:39	06/10/25 02:29	1
1,1-Dichloroethene	ND		1.2		ug/Kg		06/09/25 10:39	06/10/25 02:29	1
1,1-Dichloropropene	ND		2.5		ug/Kg		06/09/25 10:39	06/10/25 02:29	1
1,2,3-Trichlorobenzene	ND		2.5		ug/Kg		06/09/25 10:39	06/10/25 02:29	1
1,2,3-Trichloropropane	ND		2.5		ug/Kg		06/09/25 10:39	06/10/25 02:29	1
1,2,4-Trichlorobenzene	ND		2.5		ug/Kg		06/09/25 10:39	06/10/25 02:29	1
1,2,4-Trimethylbenzene	ND		2.5		ug/Kg		06/09/25 10:39	06/10/25 02:29	1
1,2-Dibromo-3-Chloropropane	ND		12		ug/Kg		06/09/25 10:39	06/10/25 02:29	1
1,2-Dibromoethane	ND		1.2		ug/Kg		06/09/25 10:39	06/10/25 02:29	1
1,2-Dichlorobenzene	ND		1.2		ug/Kg		06/09/25 10:39	06/10/25 02:29	1
1,2-Dichloroethane	ND		1.2		ug/Kg		06/09/25 10:39	06/10/25 02:29	1

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Client Sample Results

Client: Ninyo & Moore
Project/Site: LARAP Pacific Palisades & Rustic Canyons

Job ID: 570-233498-1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: GWPC-2
Date Collected: 06/05/25 11:30
Date Received: 06/05/25 18:38

Lab Sample ID: 570-233498-14
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	ND		1.2		ug/Kg		06/09/25 10:39	06/10/25 02:29	1
1,3,5-Trimethylbenzene	ND		2.5		ug/Kg		06/09/25 10:39	06/10/25 02:29	1
1,3-Dichlorobenzene	ND		1.2		ug/Kg		06/09/25 10:39	06/10/25 02:29	1
1,3-Dichloropropane	ND		1.2		ug/Kg		06/09/25 10:39	06/10/25 02:29	1
1,4-Dichlorobenzene	ND		1.2		ug/Kg		06/09/25 10:39	06/10/25 02:29	1
2,2-Dichloropropane	ND		6.2		ug/Kg		06/09/25 10:39	06/10/25 02:29	1
2-Butanone (MEK)	ND		25		ug/Kg		06/09/25 10:39	06/10/25 02:29	1
2-Chlorotoluene	ND		1.2		ug/Kg		06/09/25 10:39	06/10/25 02:29	1
2-Hexanone	ND		25		ug/Kg		06/09/25 10:39	06/10/25 02:29	1
4-Chlorotoluene	ND		1.2		ug/Kg		06/09/25 10:39	06/10/25 02:29	1
4-Methyl-2-pentanone (MIBK)	ND		25		ug/Kg		06/09/25 10:39	06/10/25 02:29	1
Acetone	120		25		ug/Kg		06/09/25 10:39	06/10/25 02:29	1
Benzene	ND		1.2		ug/Kg		06/09/25 10:39	06/10/25 02:29	1
Bromobenzene	ND		1.2		ug/Kg		06/09/25 10:39	06/10/25 02:29	1
Bromochloromethane	ND		2.5		ug/Kg		06/09/25 10:39	06/10/25 02:29	1
Bromodichloromethane	ND		1.2		ug/Kg		06/09/25 10:39	06/10/25 02:29	1
Bromoform	ND		6.2		ug/Kg		06/09/25 10:39	06/10/25 02:29	1
Bromomethane	ND		25		ug/Kg		06/09/25 10:39	06/10/25 02:29	1
cis-1,2-Dichloroethene	ND		1.2		ug/Kg		06/09/25 10:39	06/10/25 02:29	1
cis-1,3-Dichloropropene	ND		1.2		ug/Kg		06/09/25 10:39	06/10/25 02:29	1
Carbon disulfide	ND		12		ug/Kg		06/09/25 10:39	06/10/25 02:29	1
Carbon tetrachloride	ND		1.2		ug/Kg		06/09/25 10:39	06/10/25 02:29	1
Chlorobenzene	ND		1.2		ug/Kg		06/09/25 10:39	06/10/25 02:29	1
Chloroethane	ND		2.5		ug/Kg		06/09/25 10:39	06/10/25 02:29	1
Chloroform	ND		1.2		ug/Kg		06/09/25 10:39	06/10/25 02:29	1
Chloromethane	ND		25		ug/Kg		06/09/25 10:39	06/10/25 02:29	1
Dibromochloromethane	ND		2.5		ug/Kg		06/09/25 10:39	06/10/25 02:29	1
Dibromomethane	ND		1.2		ug/Kg		06/09/25 10:39	06/10/25 02:29	1
Dichlorodifluoromethane	ND		2.5		ug/Kg		06/09/25 10:39	06/10/25 02:29	1
Di-isopropyl ether (DIPE)	ND		1.2		ug/Kg		06/09/25 10:39	06/10/25 02:29	1
Ethanol	ND		310		ug/Kg		06/09/25 10:39	06/10/25 02:29	1
Ethylbenzene	ND		1.2		ug/Kg		06/09/25 10:39	06/10/25 02:29	1
Ethyl-t-butyl ether (ETBE)	ND		1.2		ug/Kg		06/09/25 10:39	06/10/25 02:29	1
Isopropylbenzene	ND		1.2		ug/Kg		06/09/25 10:39	06/10/25 02:29	1
Methylene Chloride	ND		12		ug/Kg		06/09/25 10:39	06/10/25 02:29	1
Methyl-t-Butyl Ether (MTBE)	ND		2.5		ug/Kg		06/09/25 10:39	06/10/25 02:29	1
Naphthalene	ND		12		ug/Kg		06/09/25 10:39	06/10/25 02:29	1
n-Butylbenzene	ND		1.2		ug/Kg		06/09/25 10:39	06/10/25 02:29	1
N-Propylbenzene	ND		2.5		ug/Kg		06/09/25 10:39	06/10/25 02:29	1
o-Xylene	ND		1.2		ug/Kg		06/09/25 10:39	06/10/25 02:29	1
m,p-Xylene	ND		2.5		ug/Kg		06/09/25 10:39	06/10/25 02:29	1
p-Isopropyltoluene	ND		1.2		ug/Kg		06/09/25 10:39	06/10/25 02:29	1
sec-Butylbenzene	ND		1.2		ug/Kg		06/09/25 10:39	06/10/25 02:29	1
Styrene	ND		1.2		ug/Kg		06/09/25 10:39	06/10/25 02:29	1
trans-1,2-Dichloroethene	ND		1.2		ug/Kg		06/09/25 10:39	06/10/25 02:29	1
trans-1,3-Dichloropropene	ND		2.5		ug/Kg		06/09/25 10:39	06/10/25 02:29	1
Tert-amyl-methyl ether (TAME)	ND		1.2		ug/Kg		06/09/25 10:39	06/10/25 02:29	1
tert-Butyl alcohol (TBA)	ND		25		ug/Kg		06/09/25 10:39	06/10/25 02:29	1
tert-Butylbenzene	ND		1.2		ug/Kg		06/09/25 10:39	06/10/25 02:29	1

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Client Sample Results

Client: Ninyo & Moore
Project/Site: LARAP Pacific Palisades & Rustic Canyons

Job ID: 570-233498-1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: GWPC-2

Date Collected: 06/05/25 11:30

Date Received: 06/05/25 18:38

Lab Sample ID: 570-233498-14

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	ND		1.2		ug/Kg		06/09/25 10:39	06/10/25 02:29	1
Toluene	ND		1.2		ug/Kg		06/09/25 10:39	06/10/25 02:29	1
Trichloroethene	ND		2.5		ug/Kg		06/09/25 10:39	06/10/25 02:29	1
Trichlorofluoromethane	ND		12		ug/Kg		06/09/25 10:39	06/10/25 02:29	1
Vinyl acetate	ND		12		ug/Kg		06/09/25 10:39	06/10/25 02:29	1
Vinyl chloride	ND		1.2		ug/Kg		06/09/25 10:39	06/10/25 02:29	1
Xylenes, Total	ND		2.5		ug/Kg		06/09/25 10:39	06/10/25 02:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	121		32 - 179	06/09/25 10:39	06/10/25 02:29	1
4-Bromofluorobenzene (Surr)	104		80 - 120	06/09/25 10:39	06/10/25 02:29	1
Dibromofluoromethane (Surr)	106		58 - 147	06/09/25 10:39	06/10/25 02:29	1
Toluene-d8 (Surr)	99		80 - 120	06/09/25 10:39	06/10/25 02:29	1

Client Sample ID: GWPC-3

Date Collected: 06/05/25 11:40

Date Received: 06/05/25 18:38

Lab Sample ID: 570-233498-15

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.4		ug/Kg		06/09/25 10:39	06/10/25 12:15	1
1,1,1-Trichloroethane	ND		1.4		ug/Kg		06/09/25 10:39	06/10/25 12:15	1
1,1,2,2-Tetrachloroethane	ND		2.7		ug/Kg		06/09/25 10:39	06/10/25 12:15	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		14		ug/Kg		06/09/25 10:39	06/10/25 12:15	1
1,1,2-Trichloroethane	ND		1.4		ug/Kg		06/09/25 10:39	06/10/25 12:15	1
1,1-Dichloroethane	ND		1.4		ug/Kg		06/09/25 10:39	06/10/25 12:15	1
1,1-Dichloroethene	ND		1.4		ug/Kg		06/09/25 10:39	06/10/25 12:15	1
1,1-Dichloropropene	ND		2.7		ug/Kg		06/09/25 10:39	06/10/25 12:15	1
1,2,3-Trichlorobenzene	ND		2.7		ug/Kg		06/09/25 10:39	06/10/25 12:15	1
1,2,3-Trichloropropane	ND		2.7		ug/Kg		06/09/25 10:39	06/10/25 12:15	1
1,2,4-Trichlorobenzene	ND		2.7		ug/Kg		06/09/25 10:39	06/10/25 12:15	1
1,2,4-Trimethylbenzene	ND		2.7		ug/Kg		06/09/25 10:39	06/10/25 12:15	1
1,2-Dibromo-3-Chloropropane	ND		14		ug/Kg		06/09/25 10:39	06/10/25 12:15	1
1,2-Dibromoethane	ND		1.4		ug/Kg		06/09/25 10:39	06/10/25 12:15	1
1,2-Dichlorobenzene	ND		1.4		ug/Kg		06/09/25 10:39	06/10/25 12:15	1
1,2-Dichloroethane	ND		1.4		ug/Kg		06/09/25 10:39	06/10/25 12:15	1
1,2-Dichloropropane	ND		1.4		ug/Kg		06/09/25 10:39	06/10/25 12:15	1
1,3,5-Trimethylbenzene	ND		2.7		ug/Kg		06/09/25 10:39	06/10/25 12:15	1
1,3-Dichlorobenzene	ND		1.4		ug/Kg		06/09/25 10:39	06/10/25 12:15	1
1,3-Dichloropropane	ND		1.4		ug/Kg		06/09/25 10:39	06/10/25 12:15	1
1,4-Dichlorobenzene	ND		1.4		ug/Kg		06/09/25 10:39	06/10/25 12:15	1
2,2-Dichloropropane	ND		6.8		ug/Kg		06/09/25 10:39	06/10/25 12:15	1
2-Butanone (MEK)	ND		27		ug/Kg		06/09/25 10:39	06/10/25 12:15	1
2-Chlorotoluene	ND		1.4		ug/Kg		06/09/25 10:39	06/10/25 12:15	1
2-Hexanone	ND		27		ug/Kg		06/09/25 10:39	06/10/25 12:15	1
4-Chlorotoluene	ND		1.4		ug/Kg		06/09/25 10:39	06/10/25 12:15	1
4-Methyl-2-pentanone (MIBK)	ND		27		ug/Kg		06/09/25 10:39	06/10/25 12:15	1
Acetone	100		27		ug/Kg		06/09/25 10:39	06/10/25 12:15	1
Benzene	ND		1.4		ug/Kg		06/09/25 10:39	06/10/25 12:15	1
Bromobenzene	ND		1.4		ug/Kg		06/09/25 10:39	06/10/25 12:15	1
Bromochloromethane	ND		2.7		ug/Kg		06/09/25 10:39	06/10/25 12:15	1
Bromodichloromethane	ND		1.4		ug/Kg		06/09/25 10:39	06/10/25 12:15	1

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Client Sample Results

Client: Ninyo & Moore
Project/Site: LARAP Pacific Palisades & Rustic Canyons

Job ID: 570-233498-1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: GWPC-3
Date Collected: 06/05/25 11:40
Date Received: 06/05/25 18:38

Lab Sample ID: 570-233498-15
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoform	ND		6.8		ug/Kg		06/09/25 10:39	06/10/25 12:15	1
Bromomethane	ND		27		ug/Kg		06/09/25 10:39	06/10/25 12:15	1
cis-1,2-Dichloroethene	ND		1.4		ug/Kg		06/09/25 10:39	06/10/25 12:15	1
cis-1,3-Dichloropropene	ND		1.4		ug/Kg		06/09/25 10:39	06/10/25 12:15	1
Carbon disulfide	27		14		ug/Kg		06/09/25 10:39	06/10/25 12:15	1
Carbon tetrachloride	ND		1.4		ug/Kg		06/09/25 10:39	06/10/25 12:15	1
Chlorobenzene	ND		1.4		ug/Kg		06/09/25 10:39	06/10/25 12:15	1
Chloroethane	ND		2.7		ug/Kg		06/09/25 10:39	06/10/25 12:15	1
Chloroform	ND		1.4		ug/Kg		06/09/25 10:39	06/10/25 12:15	1
Chloromethane	ND		27		ug/Kg		06/09/25 10:39	06/10/25 12:15	1
Dibromochloromethane	ND		2.7		ug/Kg		06/09/25 10:39	06/10/25 12:15	1
Dibromomethane	ND		1.4		ug/Kg		06/09/25 10:39	06/10/25 12:15	1
Dichlorodifluoromethane	ND		2.7		ug/Kg		06/09/25 10:39	06/10/25 12:15	1
Di-isopropyl ether (DIPE)	ND		1.4		ug/Kg		06/09/25 10:39	06/10/25 12:15	1
Ethanol	ND		340		ug/Kg		06/09/25 10:39	06/10/25 12:15	1
Ethylbenzene	ND		1.4		ug/Kg		06/09/25 10:39	06/10/25 12:15	1
Ethyl-t-butyl ether (ETBE)	ND		1.4		ug/Kg		06/09/25 10:39	06/10/25 12:15	1
Isopropylbenzene	ND		1.4		ug/Kg		06/09/25 10:39	06/10/25 12:15	1
Methylene Chloride	ND		14		ug/Kg		06/09/25 10:39	06/10/25 12:15	1
Methyl-t-Butyl Ether (MTBE)	ND		2.7		ug/Kg		06/09/25 10:39	06/10/25 12:15	1
Naphthalene	ND		14		ug/Kg		06/09/25 10:39	06/10/25 12:15	1
n-Butylbenzene	ND		1.4		ug/Kg		06/09/25 10:39	06/10/25 12:15	1
N-Propylbenzene	ND		2.7		ug/Kg		06/09/25 10:39	06/10/25 12:15	1
o-Xylene	ND		1.4		ug/Kg		06/09/25 10:39	06/10/25 12:15	1
m,p-Xylene	ND		2.7		ug/Kg		06/09/25 10:39	06/10/25 12:15	1
p-Isopropyltoluene	ND		1.4		ug/Kg		06/09/25 10:39	06/10/25 12:15	1
sec-Butylbenzene	ND		1.4		ug/Kg		06/09/25 10:39	06/10/25 12:15	1
Styrene	ND		1.4		ug/Kg		06/09/25 10:39	06/10/25 12:15	1
trans-1,2-Dichloroethene	ND		1.4		ug/Kg		06/09/25 10:39	06/10/25 12:15	1
trans-1,3-Dichloropropene	ND		2.7		ug/Kg		06/09/25 10:39	06/10/25 12:15	1
Tert-amyl-methyl ether (TAME)	ND		1.4		ug/Kg		06/09/25 10:39	06/10/25 12:15	1
tert-Butyl alcohol (TBA)	ND		27		ug/Kg		06/09/25 10:39	06/10/25 12:15	1
tert-Butylbenzene	ND		1.4		ug/Kg		06/09/25 10:39	06/10/25 12:15	1
Tetrachloroethene	ND		1.4		ug/Kg		06/09/25 10:39	06/10/25 12:15	1
Toluene	ND		1.4		ug/Kg		06/09/25 10:39	06/10/25 12:15	1
Trichloroethene	ND		2.7		ug/Kg		06/09/25 10:39	06/10/25 12:15	1
Trichlorofluoromethane	ND		14		ug/Kg		06/09/25 10:39	06/10/25 12:15	1
Vinyl acetate	ND		14		ug/Kg		06/09/25 10:39	06/10/25 12:15	1
Vinyl chloride	ND		1.4		ug/Kg		06/09/25 10:39	06/10/25 12:15	1
Xylenes, Total	ND		2.7		ug/Kg		06/09/25 10:39	06/10/25 12:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	111		32 - 179				06/09/25 10:39	06/10/25 12:15	1
4-Bromofluorobenzene (Surr)	97		80 - 120				06/09/25 10:39	06/10/25 12:15	1
Dibromofluoromethane (Surr)	100		58 - 147				06/09/25 10:39	06/10/25 12:15	1
Toluene-d8 (Surr)	99		80 - 120				06/09/25 10:39	06/10/25 12:15	1

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Client Sample Results

Client: Ninyo & Moore
Project/Site: LARAP Pacific Palisades & Rustic Canyons

Job ID: 570-233498-1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: GWPC-4
Date Collected: 06/05/25 11:50
Date Received: 06/05/25 18:38

Lab Sample ID: 570-233498-16
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.4		ug/Kg		06/09/25 10:39	06/10/25 03:14	1
1,1,1-Trichloroethane	ND		1.4		ug/Kg		06/09/25 10:39	06/10/25 03:14	1
1,1,2,2-Tetrachloroethane	ND		2.8		ug/Kg		06/09/25 10:39	06/10/25 03:14	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		14		ug/Kg		06/09/25 10:39	06/10/25 03:14	1
1,1,2-Trichloroethane	ND		1.4		ug/Kg		06/09/25 10:39	06/10/25 03:14	1
1,1-Dichloroethane	ND		1.4		ug/Kg		06/09/25 10:39	06/10/25 03:14	1
1,1-Dichloroethene	ND		1.4		ug/Kg		06/09/25 10:39	06/10/25 03:14	1
1,1-Dichloropropene	ND		2.8		ug/Kg		06/09/25 10:39	06/10/25 03:14	1
1,2,3-Trichlorobenzene	ND		2.8		ug/Kg		06/09/25 10:39	06/10/25 03:14	1
1,2,3-Trichloropropane	ND		2.8		ug/Kg		06/09/25 10:39	06/10/25 03:14	1
1,2,4-Trichlorobenzene	ND		2.8		ug/Kg		06/09/25 10:39	06/10/25 03:14	1
1,2,4-Trimethylbenzene	ND		2.8		ug/Kg		06/09/25 10:39	06/10/25 03:14	1
1,2-Dibromo-3-Chloropropane	ND		14		ug/Kg		06/09/25 10:39	06/10/25 03:14	1
1,2-Dibromoethane	ND		1.4		ug/Kg		06/09/25 10:39	06/10/25 03:14	1
1,2-Dichlorobenzene	ND		1.4		ug/Kg		06/09/25 10:39	06/10/25 03:14	1
1,2-Dichloroethane	ND		1.4		ug/Kg		06/09/25 10:39	06/10/25 03:14	1
1,2-Dichloropropane	ND		1.4		ug/Kg		06/09/25 10:39	06/10/25 03:14	1
1,3,5-Trimethylbenzene	ND		2.8		ug/Kg		06/09/25 10:39	06/10/25 03:14	1
1,3-Dichlorobenzene	ND		1.4		ug/Kg		06/09/25 10:39	06/10/25 03:14	1
1,3-Dichloropropane	ND		1.4		ug/Kg		06/09/25 10:39	06/10/25 03:14	1
1,4-Dichlorobenzene	ND		1.4		ug/Kg		06/09/25 10:39	06/10/25 03:14	1
2,2-Dichloropropane	ND		7.0		ug/Kg		06/09/25 10:39	06/10/25 03:14	1
2-Butanone (MEK)	ND		28		ug/Kg		06/09/25 10:39	06/10/25 03:14	1
2-Chlorotoluene	ND		1.4		ug/Kg		06/09/25 10:39	06/10/25 03:14	1
2-Hexanone	ND		28		ug/Kg		06/09/25 10:39	06/10/25 03:14	1
4-Chlorotoluene	ND		1.4		ug/Kg		06/09/25 10:39	06/10/25 03:14	1
4-Methyl-2-pentanone (MIBK)	ND		28		ug/Kg		06/09/25 10:39	06/10/25 03:14	1
Acetone	62		28		ug/Kg		06/09/25 10:39	06/10/25 03:14	1
Benzene	ND		1.4		ug/Kg		06/09/25 10:39	06/10/25 03:14	1
Bromobenzene	ND		1.4		ug/Kg		06/09/25 10:39	06/10/25 03:14	1
Bromochloromethane	ND		2.8		ug/Kg		06/09/25 10:39	06/10/25 03:14	1
Bromodichloromethane	ND		1.4		ug/Kg		06/09/25 10:39	06/10/25 03:14	1
Bromoform	ND		7.0		ug/Kg		06/09/25 10:39	06/10/25 03:14	1
Bromomethane	ND		28		ug/Kg		06/09/25 10:39	06/10/25 03:14	1
cis-1,2-Dichloroethene	ND		1.4		ug/Kg		06/09/25 10:39	06/10/25 03:14	1
cis-1,3-Dichloropropene	ND		1.4		ug/Kg		06/09/25 10:39	06/10/25 03:14	1
Carbon disulfide	ND		14		ug/Kg		06/09/25 10:39	06/10/25 03:14	1
Carbon tetrachloride	ND		1.4		ug/Kg		06/09/25 10:39	06/10/25 03:14	1
Chlorobenzene	ND		1.4		ug/Kg		06/09/25 10:39	06/10/25 03:14	1
Chloroethane	ND		2.8		ug/Kg		06/09/25 10:39	06/10/25 03:14	1
Chloroform	ND		1.4		ug/Kg		06/09/25 10:39	06/10/25 03:14	1
Chloromethane	ND		28		ug/Kg		06/09/25 10:39	06/10/25 03:14	1
Dibromochloromethane	ND		2.8		ug/Kg		06/09/25 10:39	06/10/25 03:14	1
Dibromomethane	ND		1.4		ug/Kg		06/09/25 10:39	06/10/25 03:14	1
Dichlorodifluoromethane	ND		2.8		ug/Kg		06/09/25 10:39	06/10/25 03:14	1
Di-isopropyl ether (DIPE)	ND		1.4		ug/Kg		06/09/25 10:39	06/10/25 03:14	1
Ethanol	ND		350		ug/Kg		06/09/25 10:39	06/10/25 03:14	1
Ethylbenzene	ND		1.4		ug/Kg		06/09/25 10:39	06/10/25 03:14	1
Ethyl-t-butyl ether (ETBE)	ND		1.4		ug/Kg		06/09/25 10:39	06/10/25 03:14	1

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Client Sample Results

Client: Ninyo & Moore
Project/Site: LARAP Pacific Palisades & Rustic Canyons

Job ID: 570-233498-1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: GWPC-4

Date Collected: 06/05/25 11:50

Date Received: 06/05/25 18:38

Lab Sample ID: 570-233498-16

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	ND		1.4		ug/Kg		06/09/25 10:39	06/10/25 03:14	1
Methylene Chloride	ND		14		ug/Kg		06/09/25 10:39	06/10/25 03:14	1
Methyl-t-Butyl Ether (MTBE)	ND		2.8		ug/Kg		06/09/25 10:39	06/10/25 03:14	1
Naphthalene	ND		14		ug/Kg		06/09/25 10:39	06/10/25 03:14	1
n-Butylbenzene	ND		1.4		ug/Kg		06/09/25 10:39	06/10/25 03:14	1
N-Propylbenzene	ND		2.8		ug/Kg		06/09/25 10:39	06/10/25 03:14	1
o-Xylene	ND		1.4		ug/Kg		06/09/25 10:39	06/10/25 03:14	1
m,p-Xylene	ND		2.8		ug/Kg		06/09/25 10:39	06/10/25 03:14	1
p-Isopropyltoluene	ND		1.4		ug/Kg		06/09/25 10:39	06/10/25 03:14	1
sec-Butylbenzene	ND		1.4		ug/Kg		06/09/25 10:39	06/10/25 03:14	1
Styrene	ND		1.4		ug/Kg		06/09/25 10:39	06/10/25 03:14	1
trans-1,2-Dichloroethene	ND		1.4		ug/Kg		06/09/25 10:39	06/10/25 03:14	1
trans-1,3-Dichloropropene	ND		2.8		ug/Kg		06/09/25 10:39	06/10/25 03:14	1
Tert-amyl-methyl ether (TAME)	ND		1.4		ug/Kg		06/09/25 10:39	06/10/25 03:14	1
tert-Butyl alcohol (TBA)	ND		28		ug/Kg		06/09/25 10:39	06/10/25 03:14	1
tert-Butylbenzene	ND		1.4		ug/Kg		06/09/25 10:39	06/10/25 03:14	1
Tetrachloroethene	ND		1.4		ug/Kg		06/09/25 10:39	06/10/25 03:14	1
Toluene	ND		1.4		ug/Kg		06/09/25 10:39	06/10/25 03:14	1
Trichloroethene	ND		2.8		ug/Kg		06/09/25 10:39	06/10/25 03:14	1
Trichlorofluoromethane	ND		14		ug/Kg		06/09/25 10:39	06/10/25 03:14	1
Vinyl acetate	ND		14		ug/Kg		06/09/25 10:39	06/10/25 03:14	1
Vinyl chloride	ND		1.4		ug/Kg		06/09/25 10:39	06/10/25 03:14	1
Xylenes, Total	ND		2.8		ug/Kg		06/09/25 10:39	06/10/25 03:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	121		32 - 179	06/09/25 10:39	06/10/25 03:14	1
4-Bromofluorobenzene (Surr)	102		80 - 120	06/09/25 10:39	06/10/25 03:14	1
Dibromofluoromethane (Surr)	107		58 - 147	06/09/25 10:39	06/10/25 03:14	1
Toluene-d8 (Surr)	100		80 - 120	06/09/25 10:39	06/10/25 03:14	1

Client Sample ID: VL0-1

Date Collected: 06/05/25 12:55

Date Received: 06/05/25 18:38

Lab Sample ID: 570-233498-17

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.2		ug/Kg		06/09/25 10:39	06/10/25 12:36	1
1,1,1-Trichloroethane	ND		1.2		ug/Kg		06/09/25 10:39	06/10/25 12:36	1
1,1,2,2-Tetrachloroethane	ND		2.3		ug/Kg		06/09/25 10:39	06/10/25 12:36	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		12		ug/Kg		06/09/25 10:39	06/10/25 12:36	1
1,1,2-Trichloroethane	ND		1.2		ug/Kg		06/09/25 10:39	06/10/25 12:36	1
1,1-Dichloroethane	ND		1.2		ug/Kg		06/09/25 10:39	06/10/25 12:36	1
1,1-Dichloroethene	ND		1.2		ug/Kg		06/09/25 10:39	06/10/25 12:36	1
1,1-Dichloropropene	ND		2.3		ug/Kg		06/09/25 10:39	06/10/25 12:36	1
1,2,3-Trichlorobenzene	ND		2.3		ug/Kg		06/09/25 10:39	06/10/25 12:36	1
1,2,3-Trichloropropane	ND		2.3		ug/Kg		06/09/25 10:39	06/10/25 12:36	1
1,2,4-Trichlorobenzene	ND		2.3		ug/Kg		06/09/25 10:39	06/10/25 12:36	1
1,2,4-Trimethylbenzene	ND		2.3		ug/Kg		06/09/25 10:39	06/10/25 12:36	1
1,2-Dibromo-3-Chloropropane	ND		12		ug/Kg		06/09/25 10:39	06/10/25 12:36	1
1,2-Dibromoethane	ND		1.2		ug/Kg		06/09/25 10:39	06/10/25 12:36	1
1,2-Dichlorobenzene	ND		1.2		ug/Kg		06/09/25 10:39	06/10/25 12:36	1
1,2-Dichloroethane	ND		1.2		ug/Kg		06/09/25 10:39	06/10/25 12:36	1

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Client Sample Results

Client: Ninyo & Moore
Project/Site: LARAP Pacific Palisades & Rustic Canyons

Job ID: 570-233498-1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: VL0-1

Date Collected: 06/05/25 12:55

Date Received: 06/05/25 18:38

Lab Sample ID: 570-233498-17

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	ND		1.2		ug/Kg		06/09/25 10:39	06/10/25 12:36	1
1,3,5-Trimethylbenzene	ND		2.3		ug/Kg		06/09/25 10:39	06/10/25 12:36	1
1,3-Dichlorobenzene	ND		1.2		ug/Kg		06/09/25 10:39	06/10/25 12:36	1
1,3-Dichloropropane	ND		1.2		ug/Kg		06/09/25 10:39	06/10/25 12:36	1
1,4-Dichlorobenzene	ND		1.2		ug/Kg		06/09/25 10:39	06/10/25 12:36	1
2,2-Dichloropropane	ND		5.8		ug/Kg		06/09/25 10:39	06/10/25 12:36	1
2-Butanone (MEK)	ND		23		ug/Kg		06/09/25 10:39	06/10/25 12:36	1
2-Chlorotoluene	ND		1.2		ug/Kg		06/09/25 10:39	06/10/25 12:36	1
2-Hexanone	ND		23		ug/Kg		06/09/25 10:39	06/10/25 12:36	1
4-Chlorotoluene	ND		1.2		ug/Kg		06/09/25 10:39	06/10/25 12:36	1
4-Methyl-2-pentanone (MIBK)	ND		23		ug/Kg		06/09/25 10:39	06/10/25 12:36	1
Acetone	170		23		ug/Kg		06/09/25 10:39	06/10/25 12:36	1
Benzene	ND		1.2		ug/Kg		06/09/25 10:39	06/10/25 12:36	1
Bromobenzene	ND		1.2		ug/Kg		06/09/25 10:39	06/10/25 12:36	1
Bromochloromethane	ND		2.3		ug/Kg		06/09/25 10:39	06/10/25 12:36	1
Bromodichloromethane	ND		1.2		ug/Kg		06/09/25 10:39	06/10/25 12:36	1
Bromoform	ND		5.8		ug/Kg		06/09/25 10:39	06/10/25 12:36	1
Bromomethane	ND		23		ug/Kg		06/09/25 10:39	06/10/25 12:36	1
cis-1,2-Dichloroethene	ND		1.2		ug/Kg		06/09/25 10:39	06/10/25 12:36	1
cis-1,3-Dichloropropene	ND		1.2		ug/Kg		06/09/25 10:39	06/10/25 12:36	1
Carbon disulfide	ND		12		ug/Kg		06/09/25 10:39	06/10/25 12:36	1
Carbon tetrachloride	ND		1.2		ug/Kg		06/09/25 10:39	06/10/25 12:36	1
Chlorobenzene	ND		1.2		ug/Kg		06/09/25 10:39	06/10/25 12:36	1
Chloroethane	ND		2.3		ug/Kg		06/09/25 10:39	06/10/25 12:36	1
Chloroform	ND		1.2		ug/Kg		06/09/25 10:39	06/10/25 12:36	1
Chloromethane	ND		23		ug/Kg		06/09/25 10:39	06/10/25 12:36	1
Dibromochloromethane	ND		2.3		ug/Kg		06/09/25 10:39	06/10/25 12:36	1
Dibromomethane	ND		1.2		ug/Kg		06/09/25 10:39	06/10/25 12:36	1
Dichlorodifluoromethane	ND		2.3		ug/Kg		06/09/25 10:39	06/10/25 12:36	1
Di-isopropyl ether (DIPE)	ND		1.2		ug/Kg		06/09/25 10:39	06/10/25 12:36	1
Ethanol	ND		290		ug/Kg		06/09/25 10:39	06/10/25 12:36	1
Ethylbenzene	ND		1.2		ug/Kg		06/09/25 10:39	06/10/25 12:36	1
Ethyl-t-butyl ether (ETBE)	ND		1.2		ug/Kg		06/09/25 10:39	06/10/25 12:36	1
Isopropylbenzene	ND		1.2		ug/Kg		06/09/25 10:39	06/10/25 12:36	1
Methylene Chloride	ND		12		ug/Kg		06/09/25 10:39	06/10/25 12:36	1
Methyl-t-Butyl Ether (MTBE)	ND		2.3		ug/Kg		06/09/25 10:39	06/10/25 12:36	1
Naphthalene	ND		12		ug/Kg		06/09/25 10:39	06/10/25 12:36	1
n-Butylbenzene	ND		1.2		ug/Kg		06/09/25 10:39	06/10/25 12:36	1
N-Propylbenzene	ND		2.3		ug/Kg		06/09/25 10:39	06/10/25 12:36	1
o-Xylene	ND		1.2		ug/Kg		06/09/25 10:39	06/10/25 12:36	1
m,p-Xylene	ND		2.3		ug/Kg		06/09/25 10:39	06/10/25 12:36	1
p-Isopropyltoluene	1.6		1.2		ug/Kg		06/09/25 10:39	06/10/25 12:36	1
sec-Butylbenzene	ND		1.2		ug/Kg		06/09/25 10:39	06/10/25 12:36	1
Styrene	ND		1.2		ug/Kg		06/09/25 10:39	06/10/25 12:36	1
trans-1,2-Dichloroethene	ND		1.2		ug/Kg		06/09/25 10:39	06/10/25 12:36	1
trans-1,3-Dichloropropene	ND		2.3		ug/Kg		06/09/25 10:39	06/10/25 12:36	1
Tert-amyl-methyl ether (TAME)	ND		1.2		ug/Kg		06/09/25 10:39	06/10/25 12:36	1
tert-Butyl alcohol (TBA)	ND		23		ug/Kg		06/09/25 10:39	06/10/25 12:36	1
tert-Butylbenzene	ND		1.2		ug/Kg		06/09/25 10:39	06/10/25 12:36	1

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Client Sample Results

Client: Ninyo & Moore
Project/Site: LARAP Pacific Palisades & Rustic Canyons

Job ID: 570-233498-1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: VL0-1

Date Collected: 06/05/25 12:55

Date Received: 06/05/25 18:38

Lab Sample ID: 570-233498-17

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	ND		1.2		ug/Kg		06/09/25 10:39	06/10/25 12:36	1
Toluene	ND		1.2		ug/Kg		06/09/25 10:39	06/10/25 12:36	1
Trichloroethene	ND		2.3		ug/Kg		06/09/25 10:39	06/10/25 12:36	1
Trichlorofluoromethane	ND		12		ug/Kg		06/09/25 10:39	06/10/25 12:36	1
Vinyl acetate	ND		12		ug/Kg		06/09/25 10:39	06/10/25 12:36	1
Vinyl chloride	ND		1.2		ug/Kg		06/09/25 10:39	06/10/25 12:36	1
Xylenes, Total	ND		2.3		ug/Kg		06/09/25 10:39	06/10/25 12:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	114		32 - 179	06/09/25 10:39	06/10/25 12:36	1
4-Bromofluorobenzene (Surr)	97		80 - 120	06/09/25 10:39	06/10/25 12:36	1
Dibromofluoromethane (Surr)	103		58 - 147	06/09/25 10:39	06/10/25 12:36	1
Toluene-d8 (Surr)	99		80 - 120	06/09/25 10:39	06/10/25 12:36	1

Client Sample ID: VL0-2

Date Collected: 06/05/25 12:50

Date Received: 06/05/25 18:38

Lab Sample ID: 570-233498-18

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.7		ug/Kg		06/09/25 10:39	06/10/25 04:00	1
1,1,1-Trichloroethane	ND		1.7		ug/Kg		06/09/25 10:39	06/10/25 04:00	1
1,1,2,2-Tetrachloroethane	ND		3.3		ug/Kg		06/09/25 10:39	06/10/25 04:00	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		17		ug/Kg		06/09/25 10:39	06/10/25 04:00	1
1,1,2-Trichloroethane	ND		1.7		ug/Kg		06/09/25 10:39	06/10/25 04:00	1
1,1-Dichloroethane	ND		1.7		ug/Kg		06/09/25 10:39	06/10/25 04:00	1
1,1-Dichloroethene	ND		1.7		ug/Kg		06/09/25 10:39	06/10/25 04:00	1
1,1-Dichloropropene	ND		3.3		ug/Kg		06/09/25 10:39	06/10/25 04:00	1
1,2,3-Trichlorobenzene	ND		3.3		ug/Kg		06/09/25 10:39	06/10/25 04:00	1
1,2,3-Trichloropropane	ND		3.3		ug/Kg		06/09/25 10:39	06/10/25 04:00	1
1,2,4-Trichlorobenzene	ND		3.3		ug/Kg		06/09/25 10:39	06/10/25 04:00	1
1,2,4-Trimethylbenzene	ND		3.3		ug/Kg		06/09/25 10:39	06/10/25 04:00	1
1,2-Dibromo-3-Chloropropane	ND		17		ug/Kg		06/09/25 10:39	06/10/25 04:00	1
1,2-Dibromoethane	ND		1.7		ug/Kg		06/09/25 10:39	06/10/25 04:00	1
1,2-Dichlorobenzene	ND		1.7		ug/Kg		06/09/25 10:39	06/10/25 04:00	1
1,2-Dichloroethane	ND		1.7		ug/Kg		06/09/25 10:39	06/10/25 04:00	1
1,2-Dichloropropane	ND		1.7		ug/Kg		06/09/25 10:39	06/10/25 04:00	1
1,3,5-Trimethylbenzene	ND		3.3		ug/Kg		06/09/25 10:39	06/10/25 04:00	1
1,3-Dichlorobenzene	ND		1.7		ug/Kg		06/09/25 10:39	06/10/25 04:00	1
1,3-Dichloropropane	ND		1.7		ug/Kg		06/09/25 10:39	06/10/25 04:00	1
1,4-Dichlorobenzene	ND		1.7		ug/Kg		06/09/25 10:39	06/10/25 04:00	1
2,2-Dichloropropane	ND		8.3		ug/Kg		06/09/25 10:39	06/10/25 04:00	1
2-Butanone (MEK)	ND		33		ug/Kg		06/09/25 10:39	06/10/25 04:00	1
2-Chlorotoluene	ND		1.7		ug/Kg		06/09/25 10:39	06/10/25 04:00	1
2-Hexanone	ND		33		ug/Kg		06/09/25 10:39	06/10/25 04:00	1
4-Chlorotoluene	ND		1.7		ug/Kg		06/09/25 10:39	06/10/25 04:00	1
4-Methyl-2-pentanone (MIBK)	ND		33		ug/Kg		06/09/25 10:39	06/10/25 04:00	1
Acetone	270		33		ug/Kg		06/09/25 10:39	06/10/25 04:00	1
Benzene	ND		1.7		ug/Kg		06/09/25 10:39	06/10/25 04:00	1
Bromobenzene	ND		1.7		ug/Kg		06/09/25 10:39	06/10/25 04:00	1
Bromochloromethane	ND		3.3		ug/Kg		06/09/25 10:39	06/10/25 04:00	1
Bromodichloromethane	ND		1.7		ug/Kg		06/09/25 10:39	06/10/25 04:00	1

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Client Sample Results

Client: Ninyo & Moore
Project/Site: LARAP Pacific Palisades & Rustic Canyons

Job ID: 570-233498-1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: VL0-2

Date Collected: 06/05/25 12:50

Date Received: 06/05/25 18:38

Lab Sample ID: 570-233498-18

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoform	ND		8.3		ug/Kg		06/09/25 10:39	06/10/25 04:00	1
Bromomethane	ND		33		ug/Kg		06/09/25 10:39	06/10/25 04:00	1
cis-1,2-Dichloroethene	ND		1.7		ug/Kg		06/09/25 10:39	06/10/25 04:00	1
cis-1,3-Dichloropropene	ND		1.7		ug/Kg		06/09/25 10:39	06/10/25 04:00	1
Carbon disulfide	ND		17		ug/Kg		06/09/25 10:39	06/10/25 04:00	1
Carbon tetrachloride	ND		1.7		ug/Kg		06/09/25 10:39	06/10/25 04:00	1
Chlorobenzene	ND		1.7		ug/Kg		06/09/25 10:39	06/10/25 04:00	1
Chloroethane	ND		3.3		ug/Kg		06/09/25 10:39	06/10/25 04:00	1
Chloroform	ND		1.7		ug/Kg		06/09/25 10:39	06/10/25 04:00	1
Chloromethane	ND		33		ug/Kg		06/09/25 10:39	06/10/25 04:00	1
Dibromochloromethane	ND		3.3		ug/Kg		06/09/25 10:39	06/10/25 04:00	1
Dibromomethane	ND		1.7		ug/Kg		06/09/25 10:39	06/10/25 04:00	1
Dichlorodifluoromethane	ND		3.3		ug/Kg		06/09/25 10:39	06/10/25 04:00	1
Di-isopropyl ether (DIPE)	ND		1.7		ug/Kg		06/09/25 10:39	06/10/25 04:00	1
Ethanol	ND		410		ug/Kg		06/09/25 10:39	06/10/25 04:00	1
Ethylbenzene	ND		1.7		ug/Kg		06/09/25 10:39	06/10/25 04:00	1
Ethyl-t-butyl ether (ETBE)	ND		1.7		ug/Kg		06/09/25 10:39	06/10/25 04:00	1
Isopropylbenzene	ND		1.7		ug/Kg		06/09/25 10:39	06/10/25 04:00	1
Methylene Chloride	ND		17		ug/Kg		06/09/25 10:39	06/10/25 04:00	1
Methyl-t-Butyl Ether (MTBE)	ND		3.3		ug/Kg		06/09/25 10:39	06/10/25 04:00	1
Naphthalene	ND		17		ug/Kg		06/09/25 10:39	06/10/25 04:00	1
n-Butylbenzene	ND		1.7		ug/Kg		06/09/25 10:39	06/10/25 04:00	1
N-Propylbenzene	ND		3.3		ug/Kg		06/09/25 10:39	06/10/25 04:00	1
o-Xylene	ND		1.7		ug/Kg		06/09/25 10:39	06/10/25 04:00	1
m,p-Xylene	ND		3.3		ug/Kg		06/09/25 10:39	06/10/25 04:00	1
p-Isopropyltoluene	ND		1.7		ug/Kg		06/09/25 10:39	06/10/25 04:00	1
sec-Butylbenzene	ND		1.7		ug/Kg		06/09/25 10:39	06/10/25 04:00	1
Styrene	ND		1.7		ug/Kg		06/09/25 10:39	06/10/25 04:00	1
trans-1,2-Dichloroethene	ND		1.7		ug/Kg		06/09/25 10:39	06/10/25 04:00	1
trans-1,3-Dichloropropene	ND		3.3		ug/Kg		06/09/25 10:39	06/10/25 04:00	1
Tert-amyl-methyl ether (TAME)	ND		1.7		ug/Kg		06/09/25 10:39	06/10/25 04:00	1
tert-Butyl alcohol (TBA)	ND		33		ug/Kg		06/09/25 10:39	06/10/25 04:00	1
tert-Butylbenzene	ND		1.7		ug/Kg		06/09/25 10:39	06/10/25 04:00	1
Tetrachloroethene	ND		1.7		ug/Kg		06/09/25 10:39	06/10/25 04:00	1
Toluene	ND		1.7		ug/Kg		06/09/25 10:39	06/10/25 04:00	1
Trichloroethene	ND		3.3		ug/Kg		06/09/25 10:39	06/10/25 04:00	1
Trichlorofluoromethane	ND		17		ug/Kg		06/09/25 10:39	06/10/25 04:00	1
Vinyl acetate	ND		17		ug/Kg		06/09/25 10:39	06/10/25 04:00	1
Vinyl chloride	ND		1.7		ug/Kg		06/09/25 10:39	06/10/25 04:00	1
Xylenes, Total	ND		3.3		ug/Kg		06/09/25 10:39	06/10/25 04:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	118		32 - 179	06/09/25 10:39	06/10/25 04:00	1
4-Bromofluorobenzene (Surr)	102		80 - 120	06/09/25 10:39	06/10/25 04:00	1
Dibromofluoromethane (Surr)	106		58 - 147	06/09/25 10:39	06/10/25 04:00	1
Toluene-d8 (Surr)	99		80 - 120	06/09/25 10:39	06/10/25 04:00	1

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Client Sample Results

Client: Ninyo & Moore
Project/Site: LARAP Pacific Palisades & Rustic Canyons

Job ID: 570-233498-1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: TC-1

Date Collected: 06/05/25 13:35

Date Received: 06/05/25 18:38

Lab Sample ID: 570-233498-19

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.7		ug/Kg		06/09/25 10:39	06/10/25 04:23	1
1,1,1-Trichloroethane	ND		1.7		ug/Kg		06/09/25 10:39	06/10/25 04:23	1
1,1,2,2-Tetrachloroethane	ND		3.5		ug/Kg		06/09/25 10:39	06/10/25 04:23	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		17		ug/Kg		06/09/25 10:39	06/10/25 04:23	1
1,1,2-Trichloroethane	ND		1.7		ug/Kg		06/09/25 10:39	06/10/25 04:23	1
1,1-Dichloroethane	ND		1.7		ug/Kg		06/09/25 10:39	06/10/25 04:23	1
1,1-Dichloroethene	ND		1.7		ug/Kg		06/09/25 10:39	06/10/25 04:23	1
1,1-Dichloropropene	ND		3.5		ug/Kg		06/09/25 10:39	06/10/25 04:23	1
1,2,3-Trichlorobenzene	ND		3.5		ug/Kg		06/09/25 10:39	06/10/25 04:23	1
1,2,3-Trichloropropane	ND		3.5		ug/Kg		06/09/25 10:39	06/10/25 04:23	1
1,2,4-Trichlorobenzene	ND		3.5		ug/Kg		06/09/25 10:39	06/10/25 04:23	1
1,2,4-Trimethylbenzene	ND		3.5		ug/Kg		06/09/25 10:39	06/10/25 04:23	1
1,2-Dibromo-3-Chloropropane	ND		17		ug/Kg		06/09/25 10:39	06/10/25 04:23	1
1,2-Dibromoethane	ND		1.7		ug/Kg		06/09/25 10:39	06/10/25 04:23	1
1,2-Dichlorobenzene	ND		1.7		ug/Kg		06/09/25 10:39	06/10/25 04:23	1
1,2-Dichloroethane	ND		1.7		ug/Kg		06/09/25 10:39	06/10/25 04:23	1
1,2-Dichloropropane	ND		1.7		ug/Kg		06/09/25 10:39	06/10/25 04:23	1
1,3,5-Trimethylbenzene	ND		3.5		ug/Kg		06/09/25 10:39	06/10/25 04:23	1
1,3-Dichlorobenzene	ND		1.7		ug/Kg		06/09/25 10:39	06/10/25 04:23	1
1,3-Dichloropropane	ND		1.7		ug/Kg		06/09/25 10:39	06/10/25 04:23	1
1,4-Dichlorobenzene	ND		1.7		ug/Kg		06/09/25 10:39	06/10/25 04:23	1
2,2-Dichloropropane	ND		8.7		ug/Kg		06/09/25 10:39	06/10/25 04:23	1
2-Butanone (MEK)	ND		35		ug/Kg		06/09/25 10:39	06/10/25 04:23	1
2-Chlorotoluene	ND		1.7		ug/Kg		06/09/25 10:39	06/10/25 04:23	1
2-Hexanone	ND		35		ug/Kg		06/09/25 10:39	06/10/25 04:23	1
4-Chlorotoluene	ND		1.7		ug/Kg		06/09/25 10:39	06/10/25 04:23	1
4-Methyl-2-pentanone (MIBK)	ND		35		ug/Kg		06/09/25 10:39	06/10/25 04:23	1
Acetone	530	E	35		ug/Kg		06/09/25 10:39	06/10/25 04:23	1
Benzene	ND		1.7		ug/Kg		06/09/25 10:39	06/10/25 04:23	1
Bromobenzene	ND		1.7		ug/Kg		06/09/25 10:39	06/10/25 04:23	1
Bromochloromethane	ND		3.5		ug/Kg		06/09/25 10:39	06/10/25 04:23	1
Bromodichloromethane	ND		1.7		ug/Kg		06/09/25 10:39	06/10/25 04:23	1
Bromoform	ND		8.7		ug/Kg		06/09/25 10:39	06/10/25 04:23	1
Bromomethane	ND		35		ug/Kg		06/09/25 10:39	06/10/25 04:23	1
cis-1,2-Dichloroethene	ND		1.7		ug/Kg		06/09/25 10:39	06/10/25 04:23	1
cis-1,3-Dichloropropene	ND		1.7		ug/Kg		06/09/25 10:39	06/10/25 04:23	1
Carbon disulfide	ND		17		ug/Kg		06/09/25 10:39	06/10/25 04:23	1
Carbon tetrachloride	ND		1.7		ug/Kg		06/09/25 10:39	06/10/25 04:23	1
Chlorobenzene	ND		1.7		ug/Kg		06/09/25 10:39	06/10/25 04:23	1
Chloroethane	ND		3.5		ug/Kg		06/09/25 10:39	06/10/25 04:23	1
Chloroform	ND		1.7		ug/Kg		06/09/25 10:39	06/10/25 04:23	1
Chloromethane	ND		35		ug/Kg		06/09/25 10:39	06/10/25 04:23	1
Dibromochloromethane	ND		3.5		ug/Kg		06/09/25 10:39	06/10/25 04:23	1
Dibromomethane	ND		1.7		ug/Kg		06/09/25 10:39	06/10/25 04:23	1
Dichlorodifluoromethane	ND		3.5		ug/Kg		06/09/25 10:39	06/10/25 04:23	1
Di-isopropyl ether (DIPE)	ND		1.7		ug/Kg		06/09/25 10:39	06/10/25 04:23	1
Ethanol	ND		430		ug/Kg		06/09/25 10:39	06/10/25 04:23	1
Ethylbenzene	ND		1.7		ug/Kg		06/09/25 10:39	06/10/25 04:23	1
Ethyl-t-butyl ether (ETBE)	ND		1.7		ug/Kg		06/09/25 10:39	06/10/25 04:23	1

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Client Sample Results

Client: Ninyo & Moore
Project/Site: LARAP Pacific Palisades & Rustic Canyons

Job ID: 570-233498-1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: TC-1

Date Collected: 06/05/25 13:35

Date Received: 06/05/25 18:38

Lab Sample ID: 570-233498-19

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	ND		1.7		ug/Kg		06/09/25 10:39	06/10/25 04:23	1
Methylene Chloride	ND		17		ug/Kg		06/09/25 10:39	06/10/25 04:23	1
Methyl-t-Butyl Ether (MTBE)	ND		3.5		ug/Kg		06/09/25 10:39	06/10/25 04:23	1
Naphthalene	ND		17		ug/Kg		06/09/25 10:39	06/10/25 04:23	1
n-Butylbenzene	ND		1.7		ug/Kg		06/09/25 10:39	06/10/25 04:23	1
N-Propylbenzene	ND		3.5		ug/Kg		06/09/25 10:39	06/10/25 04:23	1
o-Xylene	ND		1.7		ug/Kg		06/09/25 10:39	06/10/25 04:23	1
m,p-Xylene	ND		3.5		ug/Kg		06/09/25 10:39	06/10/25 04:23	1
p-Isopropyltoluene	ND		1.7		ug/Kg		06/09/25 10:39	06/10/25 04:23	1
sec-Butylbenzene	ND		1.7		ug/Kg		06/09/25 10:39	06/10/25 04:23	1
Styrene	ND		1.7		ug/Kg		06/09/25 10:39	06/10/25 04:23	1
trans-1,2-Dichloroethene	ND		1.7		ug/Kg		06/09/25 10:39	06/10/25 04:23	1
trans-1,3-Dichloropropene	ND		3.5		ug/Kg		06/09/25 10:39	06/10/25 04:23	1
Tert-amyl-methyl ether (TAME)	ND		1.7		ug/Kg		06/09/25 10:39	06/10/25 04:23	1
tert-Butyl alcohol (TBA)	ND		35		ug/Kg		06/09/25 10:39	06/10/25 04:23	1
tert-Butylbenzene	ND		1.7		ug/Kg		06/09/25 10:39	06/10/25 04:23	1
Tetrachloroethene	ND		1.7		ug/Kg		06/09/25 10:39	06/10/25 04:23	1
Toluene	ND		1.7		ug/Kg		06/09/25 10:39	06/10/25 04:23	1
Trichloroethene	ND		3.5		ug/Kg		06/09/25 10:39	06/10/25 04:23	1
Trichlorofluoromethane	ND		17		ug/Kg		06/09/25 10:39	06/10/25 04:23	1
Vinyl acetate	ND		17		ug/Kg		06/09/25 10:39	06/10/25 04:23	1
Vinyl chloride	ND		1.7		ug/Kg		06/09/25 10:39	06/10/25 04:23	1
Xylenes, Total	ND		3.5		ug/Kg		06/09/25 10:39	06/10/25 04:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	120		32 - 179	06/09/25 10:39	06/10/25 04:23	1
4-Bromofluorobenzene (Surr)	102		80 - 120	06/09/25 10:39	06/10/25 04:23	1
Dibromofluoromethane (Surr)	106		58 - 147	06/09/25 10:39	06/10/25 04:23	1
Toluene-d8 (Surr)	98		80 - 120	06/09/25 10:39	06/10/25 04:23	1

Client Sample ID: TC-2

Date Collected: 06/05/25 13:30

Date Received: 06/05/25 18:38

Lab Sample ID: 570-233498-20

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.98		ug/Kg		06/11/25 08:00	06/11/25 16:52	1
1,1,1-Trichloroethane	ND		0.98		ug/Kg		06/11/25 08:00	06/11/25 16:52	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/Kg		06/11/25 08:00	06/11/25 16:52	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		9.8		ug/Kg		06/11/25 08:00	06/11/25 16:52	1
1,1,2-Trichloroethane	ND		0.98		ug/Kg		06/11/25 08:00	06/11/25 16:52	1
1,1-Dichloroethane	ND		0.98		ug/Kg		06/11/25 08:00	06/11/25 16:52	1
1,1-Dichloroethene	ND		0.98		ug/Kg		06/11/25 08:00	06/11/25 16:52	1
1,1-Dichloropropene	ND		2.0		ug/Kg		06/11/25 08:00	06/11/25 16:52	1
1,2,3-Trichlorobenzene	ND		2.0		ug/Kg		06/11/25 08:00	06/11/25 16:52	1
1,2,3-Trichloropropane	ND		2.0		ug/Kg		06/11/25 08:00	06/11/25 16:52	1
1,2,4-Trichlorobenzene	ND		2.0		ug/Kg		06/11/25 08:00	06/11/25 16:52	1
1,2,4-Trimethylbenzene	ND		2.0		ug/Kg		06/11/25 08:00	06/11/25 16:52	1
1,2-Dibromo-3-Chloropropane	ND		9.8		ug/Kg		06/11/25 08:00	06/11/25 16:52	1
1,2-Dibromoethane	ND		0.98		ug/Kg		06/11/25 08:00	06/11/25 16:52	1
1,2-Dichlorobenzene	ND		0.98		ug/Kg		06/11/25 08:00	06/11/25 16:52	1
1,2-Dichloroethane	ND		0.98		ug/Kg		06/11/25 08:00	06/11/25 16:52	1

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Client Sample Results

Client: Ninyo & Moore
Project/Site: LARAP Pacific Palisades & Rustic Canyons

Job ID: 570-233498-1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: TC-2

Date Collected: 06/05/25 13:30

Date Received: 06/05/25 18:38

Lab Sample ID: 570-233498-20

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	ND		0.98		ug/Kg		06/11/25 08:00	06/11/25 16:52	1
1,3,5-Trimethylbenzene	ND		2.0		ug/Kg		06/11/25 08:00	06/11/25 16:52	1
1,3-Dichlorobenzene	ND		0.98		ug/Kg		06/11/25 08:00	06/11/25 16:52	1
1,3-Dichloropropane	ND		0.98		ug/Kg		06/11/25 08:00	06/11/25 16:52	1
1,4-Dichlorobenzene	ND		0.98		ug/Kg		06/11/25 08:00	06/11/25 16:52	1
2,2-Dichloropropane	ND		4.9		ug/Kg		06/11/25 08:00	06/11/25 16:52	1
2-Butanone (MEK)	ND		20		ug/Kg		06/11/25 08:00	06/11/25 16:52	1
2-Chlorotoluene	ND		0.98		ug/Kg		06/11/25 08:00	06/11/25 16:52	1
2-Hexanone	ND		20		ug/Kg		06/11/25 08:00	06/11/25 16:52	1
4-Chlorotoluene	ND		0.98		ug/Kg		06/11/25 08:00	06/11/25 16:52	1
4-Methyl-2-pentanone (MIBK)	ND		20		ug/Kg		06/11/25 08:00	06/11/25 16:52	1
Acetone	ND		20		ug/Kg		06/11/25 08:00	06/11/25 16:52	1
Benzene	ND		0.98		ug/Kg		06/11/25 08:00	06/11/25 16:52	1
Bromobenzene	ND		0.98		ug/Kg		06/11/25 08:00	06/11/25 16:52	1
Bromochloromethane	ND		2.0		ug/Kg		06/11/25 08:00	06/11/25 16:52	1
Bromodichloromethane	ND		0.98		ug/Kg		06/11/25 08:00	06/11/25 16:52	1
Bromoform	ND		4.9		ug/Kg		06/11/25 08:00	06/11/25 16:52	1
Bromomethane	ND		20		ug/Kg		06/11/25 08:00	06/11/25 16:52	1
cis-1,2-Dichloroethene	ND		0.98		ug/Kg		06/11/25 08:00	06/11/25 16:52	1
cis-1,3-Dichloropropene	ND		0.98		ug/Kg		06/11/25 08:00	06/11/25 16:52	1
Carbon disulfide	ND		9.8		ug/Kg		06/11/25 08:00	06/11/25 16:52	1
Carbon tetrachloride	ND		0.98		ug/Kg		06/11/25 08:00	06/11/25 16:52	1
Chlorobenzene	ND		0.98		ug/Kg		06/11/25 08:00	06/11/25 16:52	1
Chloroethane	ND		2.0		ug/Kg		06/11/25 08:00	06/11/25 16:52	1
Chloroform	ND		0.98		ug/Kg		06/11/25 08:00	06/11/25 16:52	1
Chloromethane	ND		20		ug/Kg		06/11/25 08:00	06/11/25 16:52	1
Dibromochloromethane	ND		2.0		ug/Kg		06/11/25 08:00	06/11/25 16:52	1
Dibromomethane	ND		0.98		ug/Kg		06/11/25 08:00	06/11/25 16:52	1
Dichlorodifluoromethane	ND		2.0		ug/Kg		06/11/25 08:00	06/11/25 16:52	1
Di-isopropyl ether (DIPE)	ND		0.98		ug/Kg		06/11/25 08:00	06/11/25 16:52	1
Ethanol	ND		250		ug/Kg		06/11/25 08:00	06/11/25 16:52	1
Ethylbenzene	ND		0.98		ug/Kg		06/11/25 08:00	06/11/25 16:52	1
Ethyl-t-butyl ether (ETBE)	ND		0.98		ug/Kg		06/11/25 08:00	06/11/25 16:52	1
Isopropylbenzene	ND		0.98		ug/Kg		06/11/25 08:00	06/11/25 16:52	1
Methylene Chloride	ND		9.8		ug/Kg		06/11/25 08:00	06/11/25 16:52	1
Methyl-t-Butyl Ether (MTBE)	ND		2.0		ug/Kg		06/11/25 08:00	06/11/25 16:52	1
Naphthalene	ND		9.8		ug/Kg		06/11/25 08:00	06/11/25 16:52	1
n-Butylbenzene	ND		0.98		ug/Kg		06/11/25 08:00	06/11/25 16:52	1
N-Propylbenzene	ND		2.0		ug/Kg		06/11/25 08:00	06/11/25 16:52	1
o-Xylene	ND		0.98		ug/Kg		06/11/25 08:00	06/11/25 16:52	1
m,p-Xylene	ND		2.0		ug/Kg		06/11/25 08:00	06/11/25 16:52	1
p-Isopropyltoluene	ND		0.98		ug/Kg		06/11/25 08:00	06/11/25 16:52	1
sec-Butylbenzene	ND		0.98		ug/Kg		06/11/25 08:00	06/11/25 16:52	1
Styrene	ND		0.98		ug/Kg		06/11/25 08:00	06/11/25 16:52	1
trans-1,2-Dichloroethene	ND		0.98		ug/Kg		06/11/25 08:00	06/11/25 16:52	1
trans-1,3-Dichloropropene	ND		2.0		ug/Kg		06/11/25 08:00	06/11/25 16:52	1
Tert-amyl-methyl ether (TAME)	ND		0.98		ug/Kg		06/11/25 08:00	06/11/25 16:52	1
tert-Butyl alcohol (TBA)	ND		20		ug/Kg		06/11/25 08:00	06/11/25 16:52	1
tert-Butylbenzene	ND		0.98		ug/Kg		06/11/25 08:00	06/11/25 16:52	1

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Client Sample Results

Client: Ninyo & Moore
Project/Site: LARAP Pacific Palisades & Rustic Canyons

Job ID: 570-233498-1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: TC-2

Date Collected: 06/05/25 13:30

Date Received: 06/05/25 18:38

Lab Sample ID: 570-233498-20

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	ND		0.98		ug/Kg		06/11/25 08:00	06/11/25 16:52	1
Toluene	ND		0.98		ug/Kg		06/11/25 08:00	06/11/25 16:52	1
Trichloroethene	ND		2.0		ug/Kg		06/11/25 08:00	06/11/25 16:52	1
Trichlorofluoromethane	ND		9.8		ug/Kg		06/11/25 08:00	06/11/25 16:52	1
Vinyl acetate	ND	+	9.8		ug/Kg		06/11/25 08:00	06/11/25 16:52	1
Vinyl chloride	ND		0.98		ug/Kg		06/11/25 08:00	06/11/25 16:52	1
Xylenes, Total	ND		2.0		ug/Kg		06/11/25 08:00	06/11/25 16:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	123		32 - 179	06/11/25 08:00	06/11/25 16:52	1
4-Bromofluorobenzene (Surr)	98		80 - 120	06/11/25 08:00	06/11/25 16:52	1
Dibromofluoromethane (Surr)	112		58 - 147	06/11/25 08:00	06/11/25 16:52	1
Toluene-d8 (Surr)	101		80 - 120	06/11/25 08:00	06/11/25 16:52	1

Client Sample ID: AV-1

Date Collected: 06/05/25 13:55

Date Received: 06/05/25 18:38

Lab Sample ID: 570-233498-21

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.3		ug/Kg		06/09/25 10:39	06/10/25 04:46	1
1,1,1-Trichloroethane	ND		1.3		ug/Kg		06/09/25 10:39	06/10/25 04:46	1
1,1,2,2-Tetrachloroethane	ND		2.5		ug/Kg		06/09/25 10:39	06/10/25 04:46	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		13		ug/Kg		06/09/25 10:39	06/10/25 04:46	1
1,1,2-Trichloroethane	ND		1.3		ug/Kg		06/09/25 10:39	06/10/25 04:46	1
1,1-Dichloroethane	ND		1.3		ug/Kg		06/09/25 10:39	06/10/25 04:46	1
1,1-Dichloroethene	ND		1.3		ug/Kg		06/09/25 10:39	06/10/25 04:46	1
1,1-Dichloropropene	ND		2.5		ug/Kg		06/09/25 10:39	06/10/25 04:46	1
1,2,3-Trichlorobenzene	ND		2.5		ug/Kg		06/09/25 10:39	06/10/25 04:46	1
1,2,3-Trichloropropane	ND		2.5		ug/Kg		06/09/25 10:39	06/10/25 04:46	1
1,2,4-Trichlorobenzene	ND		2.5		ug/Kg		06/09/25 10:39	06/10/25 04:46	1
1,2,4-Trimethylbenzene	ND		2.5		ug/Kg		06/09/25 10:39	06/10/25 04:46	1
1,2-Dibromo-3-Chloropropane	ND		13		ug/Kg		06/09/25 10:39	06/10/25 04:46	1
1,2-Dibromoethane	ND		1.3		ug/Kg		06/09/25 10:39	06/10/25 04:46	1
1,2-Dichlorobenzene	ND		1.3		ug/Kg		06/09/25 10:39	06/10/25 04:46	1
1,2-Dichloroethane	ND		1.3		ug/Kg		06/09/25 10:39	06/10/25 04:46	1
1,2-Dichloropropane	ND		1.3		ug/Kg		06/09/25 10:39	06/10/25 04:46	1
1,3,5-Trimethylbenzene	ND		2.5		ug/Kg		06/09/25 10:39	06/10/25 04:46	1
1,3-Dichlorobenzene	ND		1.3		ug/Kg		06/09/25 10:39	06/10/25 04:46	1
1,3-Dichloropropane	ND		1.3		ug/Kg		06/09/25 10:39	06/10/25 04:46	1
1,4-Dichlorobenzene	ND		1.3		ug/Kg		06/09/25 10:39	06/10/25 04:46	1
2,2-Dichloropropane	ND		6.4		ug/Kg		06/09/25 10:39	06/10/25 04:46	1
2-Butanone (MEK)	ND		25		ug/Kg		06/09/25 10:39	06/10/25 04:46	1
2-Chlorotoluene	ND		1.3		ug/Kg		06/09/25 10:39	06/10/25 04:46	1
2-Hexanone	ND		25		ug/Kg		06/09/25 10:39	06/10/25 04:46	1
4-Chlorotoluene	ND		1.3		ug/Kg		06/09/25 10:39	06/10/25 04:46	1
4-Methyl-2-pentanone (MIBK)	ND		25		ug/Kg		06/09/25 10:39	06/10/25 04:46	1
Acetone	170		25		ug/Kg		06/09/25 10:39	06/10/25 04:46	1
Benzene	ND		1.3		ug/Kg		06/09/25 10:39	06/10/25 04:46	1
Bromobenzene	ND		1.3		ug/Kg		06/09/25 10:39	06/10/25 04:46	1
Bromochloromethane	ND		2.5		ug/Kg		06/09/25 10:39	06/10/25 04:46	1
Bromodichloromethane	ND		1.3		ug/Kg		06/09/25 10:39	06/10/25 04:46	1

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Client Sample Results

Client: Ninyo & Moore
Project/Site: LARAP Pacific Palisades & Rustic Canyons

Job ID: 570-233498-1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: AV-1

Date Collected: 06/05/25 13:55

Date Received: 06/05/25 18:38

Lab Sample ID: 570-233498-21

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoform	ND		6.4		ug/Kg		06/09/25 10:39	06/10/25 04:46	1
Bromomethane	ND		25		ug/Kg		06/09/25 10:39	06/10/25 04:46	1
cis-1,2-Dichloroethene	ND		1.3		ug/Kg		06/09/25 10:39	06/10/25 04:46	1
cis-1,3-Dichloropropene	ND		1.3		ug/Kg		06/09/25 10:39	06/10/25 04:46	1
Carbon disulfide	ND		13		ug/Kg		06/09/25 10:39	06/10/25 04:46	1
Carbon tetrachloride	ND		1.3		ug/Kg		06/09/25 10:39	06/10/25 04:46	1
Chlorobenzene	ND		1.3		ug/Kg		06/09/25 10:39	06/10/25 04:46	1
Chloroethane	ND		2.5		ug/Kg		06/09/25 10:39	06/10/25 04:46	1
Chloroform	ND		1.3		ug/Kg		06/09/25 10:39	06/10/25 04:46	1
Chloromethane	ND		25		ug/Kg		06/09/25 10:39	06/10/25 04:46	1
Dibromochloromethane	ND		2.5		ug/Kg		06/09/25 10:39	06/10/25 04:46	1
Dibromomethane	ND		1.3		ug/Kg		06/09/25 10:39	06/10/25 04:46	1
Dichlorodifluoromethane	ND		2.5		ug/Kg		06/09/25 10:39	06/10/25 04:46	1
Di-isopropyl ether (DIPE)	ND		1.3		ug/Kg		06/09/25 10:39	06/10/25 04:46	1
Ethanol	ND		320		ug/Kg		06/09/25 10:39	06/10/25 04:46	1
Ethylbenzene	ND		1.3		ug/Kg		06/09/25 10:39	06/10/25 04:46	1
Ethyl-t-butyl ether (ETBE)	ND		1.3		ug/Kg		06/09/25 10:39	06/10/25 04:46	1
Isopropylbenzene	ND		1.3		ug/Kg		06/09/25 10:39	06/10/25 04:46	1
Methylene Chloride	ND		13		ug/Kg		06/09/25 10:39	06/10/25 04:46	1
Methyl-t-Butyl Ether (MTBE)	ND		2.5		ug/Kg		06/09/25 10:39	06/10/25 04:46	1
Naphthalene	ND		13		ug/Kg		06/09/25 10:39	06/10/25 04:46	1
n-Butylbenzene	ND		1.3		ug/Kg		06/09/25 10:39	06/10/25 04:46	1
N-Propylbenzene	ND		2.5		ug/Kg		06/09/25 10:39	06/10/25 04:46	1
o-Xylene	ND		1.3		ug/Kg		06/09/25 10:39	06/10/25 04:46	1
m,p-Xylene	ND		2.5		ug/Kg		06/09/25 10:39	06/10/25 04:46	1
p-Isopropyltoluene	ND		1.3		ug/Kg		06/09/25 10:39	06/10/25 04:46	1
sec-Butylbenzene	ND		1.3		ug/Kg		06/09/25 10:39	06/10/25 04:46	1
Styrene	ND		1.3		ug/Kg		06/09/25 10:39	06/10/25 04:46	1
trans-1,2-Dichloroethene	ND		1.3		ug/Kg		06/09/25 10:39	06/10/25 04:46	1
trans-1,3-Dichloropropene	ND		2.5		ug/Kg		06/09/25 10:39	06/10/25 04:46	1
Tert-amyl-methyl ether (TAME)	ND		1.3		ug/Kg		06/09/25 10:39	06/10/25 04:46	1
tert-Butyl alcohol (TBA)	ND		25		ug/Kg		06/09/25 10:39	06/10/25 04:46	1
tert-Butylbenzene	ND		1.3		ug/Kg		06/09/25 10:39	06/10/25 04:46	1
Tetrachloroethene	ND		1.3		ug/Kg		06/09/25 10:39	06/10/25 04:46	1
Toluene	ND		1.3		ug/Kg		06/09/25 10:39	06/10/25 04:46	1
Trichloroethene	ND		2.5		ug/Kg		06/09/25 10:39	06/10/25 04:46	1
Trichlorofluoromethane	ND		13		ug/Kg		06/09/25 10:39	06/10/25 04:46	1
Vinyl acetate	ND		13		ug/Kg		06/09/25 10:39	06/10/25 04:46	1
Vinyl chloride	ND		1.3		ug/Kg		06/09/25 10:39	06/10/25 04:46	1
Xylenes, Total	ND		2.5		ug/Kg		06/09/25 10:39	06/10/25 04:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	119		32 - 179	06/09/25 10:39	06/10/25 04:46	1
4-Bromofluorobenzene (Surr)	104		80 - 120	06/09/25 10:39	06/10/25 04:46	1
Dibromofluoromethane (Surr)	106		58 - 147	06/09/25 10:39	06/10/25 04:46	1
Toluene-d8 (Surr)	101		80 - 120	06/09/25 10:39	06/10/25 04:46	1

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Client Sample Results

Client: Ninyo & Moore
Project/Site: LARAP Pacific Palisades & Rustic Canyons

Job ID: 570-233498-1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: AV-2
Date Collected: 06/05/25 13:55
Date Received: 06/05/25 18:38

Lab Sample ID: 570-233498-22
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.99		ug/Kg		06/11/25 08:00	06/11/25 17:13	1
1,1,1-Trichloroethane	ND		0.99		ug/Kg		06/11/25 08:00	06/11/25 17:13	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/Kg		06/11/25 08:00	06/11/25 17:13	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		9.9		ug/Kg		06/11/25 08:00	06/11/25 17:13	1
1,1,2-Trichloroethane	ND		0.99		ug/Kg		06/11/25 08:00	06/11/25 17:13	1
1,1-Dichloroethane	ND		0.99		ug/Kg		06/11/25 08:00	06/11/25 17:13	1
1,1-Dichloroethene	ND		0.99		ug/Kg		06/11/25 08:00	06/11/25 17:13	1
1,1-Dichloropropene	ND		2.0		ug/Kg		06/11/25 08:00	06/11/25 17:13	1
1,2,3-Trichlorobenzene	ND		2.0		ug/Kg		06/11/25 08:00	06/11/25 17:13	1
1,2,3-Trichloropropane	ND		2.0		ug/Kg		06/11/25 08:00	06/11/25 17:13	1
1,2,4-Trichlorobenzene	ND		2.0		ug/Kg		06/11/25 08:00	06/11/25 17:13	1
1,2,4-Trimethylbenzene	ND		2.0		ug/Kg		06/11/25 08:00	06/11/25 17:13	1
1,2-Dibromo-3-Chloropropane	ND		9.9		ug/Kg		06/11/25 08:00	06/11/25 17:13	1
1,2-Dibromoethane	ND		0.99		ug/Kg		06/11/25 08:00	06/11/25 17:13	1
1,2-Dichlorobenzene	ND		0.99		ug/Kg		06/11/25 08:00	06/11/25 17:13	1
1,2-Dichloroethane	ND		0.99		ug/Kg		06/11/25 08:00	06/11/25 17:13	1
1,2-Dichloropropane	ND		0.99		ug/Kg		06/11/25 08:00	06/11/25 17:13	1
1,3,5-Trimethylbenzene	ND		2.0		ug/Kg		06/11/25 08:00	06/11/25 17:13	1
1,3-Dichlorobenzene	ND		0.99		ug/Kg		06/11/25 08:00	06/11/25 17:13	1
1,3-Dichloropropane	ND		0.99		ug/Kg		06/11/25 08:00	06/11/25 17:13	1
1,4-Dichlorobenzene	ND		0.99		ug/Kg		06/11/25 08:00	06/11/25 17:13	1
2,2-Dichloropropane	ND		4.9		ug/Kg		06/11/25 08:00	06/11/25 17:13	1
2-Butanone (MEK)	ND		20		ug/Kg		06/11/25 08:00	06/11/25 17:13	1
2-Chlorotoluene	ND		0.99		ug/Kg		06/11/25 08:00	06/11/25 17:13	1
2-Hexanone	ND		20		ug/Kg		06/11/25 08:00	06/11/25 17:13	1
4-Chlorotoluene	ND		0.99		ug/Kg		06/11/25 08:00	06/11/25 17:13	1
4-Methyl-2-pentanone (MIBK)	ND		20		ug/Kg		06/11/25 08:00	06/11/25 17:13	1
Acetone	ND		20		ug/Kg		06/11/25 08:00	06/11/25 17:13	1
Benzene	ND		0.99		ug/Kg		06/11/25 08:00	06/11/25 17:13	1
Bromobenzene	ND		0.99		ug/Kg		06/11/25 08:00	06/11/25 17:13	1
Bromochloromethane	ND		2.0		ug/Kg		06/11/25 08:00	06/11/25 17:13	1
Bromodichloromethane	ND		0.99		ug/Kg		06/11/25 08:00	06/11/25 17:13	1
Bromoform	ND		4.9		ug/Kg		06/11/25 08:00	06/11/25 17:13	1
Bromomethane	ND		20		ug/Kg		06/11/25 08:00	06/11/25 17:13	1
cis-1,2-Dichloroethene	ND		0.99		ug/Kg		06/11/25 08:00	06/11/25 17:13	1
cis-1,3-Dichloropropene	ND		0.99		ug/Kg		06/11/25 08:00	06/11/25 17:13	1
Carbon disulfide	ND		9.9		ug/Kg		06/11/25 08:00	06/11/25 17:13	1
Carbon tetrachloride	ND		0.99		ug/Kg		06/11/25 08:00	06/11/25 17:13	1
Chlorobenzene	ND		0.99		ug/Kg		06/11/25 08:00	06/11/25 17:13	1
Chloroethane	ND		2.0		ug/Kg		06/11/25 08:00	06/11/25 17:13	1
Chloroform	ND		0.99		ug/Kg		06/11/25 08:00	06/11/25 17:13	1
Chloromethane	ND		20		ug/Kg		06/11/25 08:00	06/11/25 17:13	1
Dibromochloromethane	ND		2.0		ug/Kg		06/11/25 08:00	06/11/25 17:13	1
Dibromomethane	ND		0.99		ug/Kg		06/11/25 08:00	06/11/25 17:13	1
Dichlorodifluoromethane	ND		2.0		ug/Kg		06/11/25 08:00	06/11/25 17:13	1
Di-isopropyl ether (DIPE)	ND		0.99		ug/Kg		06/11/25 08:00	06/11/25 17:13	1
Ethanol	ND		250		ug/Kg		06/11/25 08:00	06/11/25 17:13	1
Ethylbenzene	ND		0.99		ug/Kg		06/11/25 08:00	06/11/25 17:13	1
Ethyl-t-butyl ether (ETBE)	ND		0.99		ug/Kg		06/11/25 08:00	06/11/25 17:13	1

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Client Sample Results

Client: Ninyo & Moore
Project/Site: LARAP Pacific Palisades & Rustic Canyons

Job ID: 570-233498-1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: AV-2

Date Collected: 06/05/25 13:55

Date Received: 06/05/25 18:38

Lab Sample ID: 570-233498-22

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	ND		0.99		ug/Kg		06/11/25 08:00	06/11/25 17:13	1
Methylene Chloride	ND		9.9		ug/Kg		06/11/25 08:00	06/11/25 17:13	1
Methyl-t-Butyl Ether (MTBE)	ND		2.0		ug/Kg		06/11/25 08:00	06/11/25 17:13	1
Naphthalene	ND		9.9		ug/Kg		06/11/25 08:00	06/11/25 17:13	1
n-Butylbenzene	ND		0.99		ug/Kg		06/11/25 08:00	06/11/25 17:13	1
N-Propylbenzene	ND		2.0		ug/Kg		06/11/25 08:00	06/11/25 17:13	1
o-Xylene	ND		0.99		ug/Kg		06/11/25 08:00	06/11/25 17:13	1
m,p-Xylene	ND		2.0		ug/Kg		06/11/25 08:00	06/11/25 17:13	1
p-Isopropyltoluene	ND		0.99		ug/Kg		06/11/25 08:00	06/11/25 17:13	1
sec-Butylbenzene	ND		0.99		ug/Kg		06/11/25 08:00	06/11/25 17:13	1
Styrene	ND		0.99		ug/Kg		06/11/25 08:00	06/11/25 17:13	1
trans-1,2-Dichloroethene	ND		0.99		ug/Kg		06/11/25 08:00	06/11/25 17:13	1
trans-1,3-Dichloropropene	ND		2.0		ug/Kg		06/11/25 08:00	06/11/25 17:13	1
Tert-amyl-methyl ether (TAME)	ND		0.99		ug/Kg		06/11/25 08:00	06/11/25 17:13	1
tert-Butyl alcohol (TBA)	ND		20		ug/Kg		06/11/25 08:00	06/11/25 17:13	1
tert-Butylbenzene	ND		0.99		ug/Kg		06/11/25 08:00	06/11/25 17:13	1
Tetrachloroethene	ND		0.99		ug/Kg		06/11/25 08:00	06/11/25 17:13	1
Toluene	ND		0.99		ug/Kg		06/11/25 08:00	06/11/25 17:13	1
Trichloroethene	ND		2.0		ug/Kg		06/11/25 08:00	06/11/25 17:13	1
Trichlorofluoromethane	ND		9.9		ug/Kg		06/11/25 08:00	06/11/25 17:13	1
Vinyl acetate	ND	+	9.9		ug/Kg		06/11/25 08:00	06/11/25 17:13	1
Vinyl chloride	ND		0.99		ug/Kg		06/11/25 08:00	06/11/25 17:13	1
Xylenes, Total	ND		2.0		ug/Kg		06/11/25 08:00	06/11/25 17:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	123		32 - 179	06/11/25 08:00	06/11/25 17:13	1
4-Bromofluorobenzene (Surr)	100		80 - 120	06/11/25 08:00	06/11/25 17:13	1
Dibromofluoromethane (Surr)	110		58 - 147	06/11/25 08:00	06/11/25 17:13	1
Toluene-d8 (Surr)	100		80 - 120	06/11/25 08:00	06/11/25 17:13	1

Client Sample Results

Client: Ninyo & Moore
Project/Site: LARAP Pacific Palisades & Rustic Canyons

Job ID: 570-233498-1

Method: SW846 8270C SIM - PAHs (GC/MS SIM)

Client Sample ID: RC-1

Date Collected: 06/05/25 09:00

Date Received: 06/05/25 18:38

Lab Sample ID: 570-233498-1

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.020		mg/Kg		06/13/25 09:36	06/17/25 23:11	1
2-Methylnaphthalene	ND		0.020		mg/Kg		06/13/25 09:36	06/17/25 23:11	1
Acenaphthene	ND		0.020		mg/Kg		06/13/25 09:36	06/17/25 23:11	1
Acenaphthylene	ND		0.020		mg/Kg		06/13/25 09:36	06/17/25 23:11	1
Anthracene	ND		0.020		mg/Kg		06/13/25 09:36	06/17/25 23:11	1
Benzo[g,h,i]perylene	ND		0.020		mg/Kg		06/13/25 09:36	06/17/25 23:11	1
Benzo[k]fluoranthene	ND		0.020		mg/Kg		06/13/25 09:36	06/17/25 23:11	1
Benzo[a]anthracene	ND		0.020		mg/Kg		06/13/25 09:36	06/17/25 23:11	1
Benzo[a]pyrene	ND		0.020		mg/Kg		06/13/25 09:36	06/17/25 23:11	1
Benzo[b]fluoranthene	ND		0.020		mg/Kg		06/13/25 09:36	06/17/25 23:11	1
Chrysene	ND		0.020		mg/Kg		06/13/25 09:36	06/17/25 23:11	1
Dibenz(a,h)anthracene	ND		0.020		mg/Kg		06/13/25 09:36	06/17/25 23:11	1
Fluoranthene	ND		0.020		mg/Kg		06/13/25 09:36	06/17/25 23:11	1
Fluorene	ND		0.020		mg/Kg		06/13/25 09:36	06/17/25 23:11	1
Indeno[1,2,3-cd]pyrene	ND		0.020		mg/Kg		06/13/25 09:36	06/17/25 23:11	1
Naphthalene	ND		0.020		mg/Kg		06/13/25 09:36	06/17/25 23:11	1
Phenanthrene	ND		0.020		mg/Kg		06/13/25 09:36	06/17/25 23:11	1
Pyrene	ND		0.020		mg/Kg		06/13/25 09:36	06/17/25 23:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	81		22 - 130	06/13/25 09:36	06/17/25 23:11	1
Nitrobenzene-d5 (Surr)	85		20 - 145	06/13/25 09:36	06/17/25 23:11	1
p-Terphenyl-d14 (Surr)	92		33 - 147	06/13/25 09:36	06/17/25 23:11	1

Client Sample ID: RC-2

Date Collected: 06/05/25 09:10

Date Received: 06/05/25 18:38

Lab Sample ID: 570-233498-2

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.020		mg/Kg		06/13/25 09:36	06/17/25 23:34	1
2-Methylnaphthalene	ND		0.020		mg/Kg		06/13/25 09:36	06/17/25 23:34	1
Acenaphthene	ND		0.020		mg/Kg		06/13/25 09:36	06/17/25 23:34	1
Acenaphthylene	ND		0.020		mg/Kg		06/13/25 09:36	06/17/25 23:34	1
Anthracene	ND		0.020		mg/Kg		06/13/25 09:36	06/17/25 23:34	1
Benzo[g,h,i]perylene	ND		0.020		mg/Kg		06/13/25 09:36	06/17/25 23:34	1
Benzo[k]fluoranthene	ND		0.020		mg/Kg		06/13/25 09:36	06/17/25 23:34	1
Benzo[a]anthracene	ND		0.020		mg/Kg		06/13/25 09:36	06/17/25 23:34	1
Benzo[a]pyrene	ND		0.020		mg/Kg		06/13/25 09:36	06/17/25 23:34	1
Benzo[b]fluoranthene	ND		0.020		mg/Kg		06/13/25 09:36	06/17/25 23:34	1
Chrysene	ND		0.020		mg/Kg		06/13/25 09:36	06/17/25 23:34	1
Dibenz(a,h)anthracene	ND		0.020		mg/Kg		06/13/25 09:36	06/17/25 23:34	1
Fluoranthene	0.026		0.020		mg/Kg		06/13/25 09:36	06/17/25 23:34	1
Fluorene	ND		0.020		mg/Kg		06/13/25 09:36	06/17/25 23:34	1
Indeno[1,2,3-cd]pyrene	ND		0.020		mg/Kg		06/13/25 09:36	06/17/25 23:34	1
Naphthalene	ND		0.020		mg/Kg		06/13/25 09:36	06/17/25 23:34	1
Phenanthrene	ND		0.020		mg/Kg		06/13/25 09:36	06/17/25 23:34	1
Pyrene	0.023		0.020		mg/Kg		06/13/25 09:36	06/17/25 23:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	87		22 - 130	06/13/25 09:36	06/17/25 23:34	1
Nitrobenzene-d5 (Surr)	90		20 - 145	06/13/25 09:36	06/17/25 23:34	1

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Client Sample Results

Client: Ninyo & Moore
Project/Site: LARAP Pacific Palisades & Rustic Canyons

Job ID: 570-233498-1

Method: SW846 8270C SIM - PAHs (GC/MS SIM) (Continued)

Client Sample ID: RC-2

Date Collected: 06/05/25 09:10

Date Received: 06/05/25 18:38

Lab Sample ID: 570-233498-2

Matrix: Solid

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
p-Terphenyl-d14 (Surr)	93		33 - 147	06/13/25 09:36	06/17/25 23:34	1

Client Sample ID: RC-3

Date Collected: 06/05/25 08:50

Date Received: 06/05/25 18:38

Lab Sample ID: 570-233498-3

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.020		mg/Kg		06/13/25 09:36	06/17/25 23:57	1
2-Methylnaphthalene	ND		0.020		mg/Kg		06/13/25 09:36	06/17/25 23:57	1
Acenaphthene	ND		0.020		mg/Kg		06/13/25 09:36	06/17/25 23:57	1
Acenaphthylene	ND		0.020		mg/Kg		06/13/25 09:36	06/17/25 23:57	1
Anthracene	ND		0.020		mg/Kg		06/13/25 09:36	06/17/25 23:57	1
Benzo[g,h,i]perylene	ND		0.020		mg/Kg		06/13/25 09:36	06/17/25 23:57	1
Benzo[k]fluoranthene	ND		0.020		mg/Kg		06/13/25 09:36	06/17/25 23:57	1
Benzo[a]anthracene	ND		0.020		mg/Kg		06/13/25 09:36	06/17/25 23:57	1
Benzo[a]pyrene	ND		0.020		mg/Kg		06/13/25 09:36	06/17/25 23:57	1
Benzo[b]fluoranthene	ND		0.020		mg/Kg		06/13/25 09:36	06/17/25 23:57	1
Chrysene	ND		0.020		mg/Kg		06/13/25 09:36	06/17/25 23:57	1
Dibenz[a,h]anthracene	ND		0.020		mg/Kg		06/13/25 09:36	06/17/25 23:57	1
Fluoranthene	ND		0.020		mg/Kg		06/13/25 09:36	06/17/25 23:57	1
Fluorene	ND		0.020		mg/Kg		06/13/25 09:36	06/17/25 23:57	1
Indeno[1,2,3-cd]pyrene	ND		0.020		mg/Kg		06/13/25 09:36	06/17/25 23:57	1
Naphthalene	ND		0.020		mg/Kg		06/13/25 09:36	06/17/25 23:57	1
Phenanthrene	ND		0.020		mg/Kg		06/13/25 09:36	06/17/25 23:57	1
Pyrene	ND		0.020		mg/Kg		06/13/25 09:36	06/17/25 23:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	86		22 - 130	06/13/25 09:36	06/17/25 23:57	1
Nitrobenzene-d5 (Surr)	91		20 - 145	06/13/25 09:36	06/17/25 23:57	1
p-Terphenyl-d14 (Surr)	91		33 - 147	06/13/25 09:36	06/17/25 23:57	1

Client Sample ID: RC-4

Date Collected: 06/05/25 09:20

Date Received: 06/05/25 18:38

Lab Sample ID: 570-233498-4

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 00:19	1
2-Methylnaphthalene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 00:19	1
Acenaphthene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 00:19	1
Acenaphthylene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 00:19	1
Anthracene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 00:19	1
Benzo[g,h,i]perylene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 00:19	1
Benzo[k]fluoranthene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 00:19	1
Benzo[a]anthracene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 00:19	1
Benzo[a]pyrene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 00:19	1
Benzo[b]fluoranthene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 00:19	1
Chrysene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 00:19	1
Dibenz[a,h]anthracene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 00:19	1
Fluoranthene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 00:19	1
Fluorene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 00:19	1
Indeno[1,2,3-cd]pyrene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 00:19	1
Naphthalene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 00:19	1

Eurofins Calscience

Client Sample Results

Client: Ninyo & Moore
Project/Site: LARAP Pacific Palisades & Rustic Canyons

Job ID: 570-233498-1

Method: SW846 8270C SIM - PAHs (GC/MS SIM) (Continued)

Client Sample ID: RC-4

Date Collected: 06/05/25 09:20

Date Received: 06/05/25 18:38

Lab Sample ID: 570-233498-4

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenanthrene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 00:19	1
Pyrene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 00:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	86		22 - 130				06/13/25 09:36	06/18/25 00:19	1
Nitrobenzene-d5 (Surr)	90		20 - 145				06/13/25 09:36	06/18/25 00:19	1
p-Terphenyl-d14 (Surr)	93		33 - 147				06/13/25 09:36	06/18/25 00:19	1

Client Sample ID: RC-5

Date Collected: 06/05/25 08:40

Date Received: 06/05/25 18:38

Lab Sample ID: 570-233498-5

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 00:42	1
2-Methylnaphthalene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 00:42	1
Acenaphthene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 00:42	1
Acenaphthylene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 00:42	1
Anthracene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 00:42	1
Benzo[g,h,i]perylene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 00:42	1
Benzo[k]fluoranthene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 00:42	1
Benzo[a]anthracene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 00:42	1
Benzo[a]pyrene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 00:42	1
Benzo[b]fluoranthene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 00:42	1
Chrysene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 00:42	1
Dibenz(a,h)anthracene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 00:42	1
Fluoranthene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 00:42	1
Fluorene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 00:42	1
Indeno[1,2,3-cd]pyrene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 00:42	1
Naphthalene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 00:42	1
Phenanthrene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 00:42	1
Pyrene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 00:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	88		22 - 130				06/13/25 09:36	06/18/25 00:42	1
Nitrobenzene-d5 (Surr)	92		20 - 145				06/13/25 09:36	06/18/25 00:42	1
p-Terphenyl-d14 (Surr)	95		33 - 147				06/13/25 09:36	06/18/25 00:42	1

Client Sample ID: RC-6

Date Collected: 06/05/25 08:30

Date Received: 06/05/25 18:38

Lab Sample ID: 570-233498-6

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 01:05	1
2-Methylnaphthalene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 01:05	1
Acenaphthene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 01:05	1
Acenaphthylene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 01:05	1
Anthracene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 01:05	1
Benzo[g,h,i]perylene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 01:05	1
Benzo[k]fluoranthene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 01:05	1
Benzo[a]anthracene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 01:05	1
Benzo[a]pyrene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 01:05	1
Benzo[b]fluoranthene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 01:05	1

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Client Sample Results

Client: Ninyo & Moore
Project/Site: LARAP Pacific Palisades & Rustic Canyons

Job ID: 570-233498-1

Method: SW846 8270C SIM - PAHs (GC/MS SIM) (Continued)

Client Sample ID: RC-6

Date Collected: 06/05/25 08:30

Date Received: 06/05/25 18:38

Lab Sample ID: 570-233498-6

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 01:05	1
Dibenz(a,h)anthracene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 01:05	1
Fluoranthene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 01:05	1
Fluorene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 01:05	1
Indeno[1,2,3-cd]pyrene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 01:05	1
Naphthalene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 01:05	1
Phenanthrene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 01:05	1
Pyrene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 01:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	93		22 - 130	06/13/25 09:36	06/18/25 01:05	1
Nitrobenzene-d5 (Surr)	99		20 - 145	06/13/25 09:36	06/18/25 01:05	1
p-Terphenyl-d14 (Surr)	103		33 - 147	06/13/25 09:36	06/18/25 01:05	1

Client Sample ID: PP-1

Date Collected: 06/05/25 09:30

Date Received: 06/05/25 18:38

Lab Sample ID: 570-233498-7

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 01:27	1
2-Methylnaphthalene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 01:27	1
Acenaphthene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 01:27	1
Acenaphthylene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 01:27	1
Anthracene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 01:27	1
Benzo[g,h,i]perylene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 01:27	1
Benzo[k]fluoranthene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 01:27	1
Benzo[a]anthracene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 01:27	1
Benzo[a]pyrene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 01:27	1
Benzo[b]fluoranthene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 01:27	1
Chrysene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 01:27	1
Dibenz(a,h)anthracene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 01:27	1
Fluoranthene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 01:27	1
Fluorene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 01:27	1
Indeno[1,2,3-cd]pyrene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 01:27	1
Naphthalene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 01:27	1
Phenanthrene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 01:27	1
Pyrene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 01:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	86		22 - 130	06/13/25 09:36	06/18/25 01:27	1
Nitrobenzene-d5 (Surr)	84		20 - 145	06/13/25 09:36	06/18/25 01:27	1
p-Terphenyl-d14 (Surr)	93		33 - 147	06/13/25 09:36	06/18/25 01:27	1

Client Sample ID: PP-2

Date Collected: 06/05/25 09:40

Date Received: 06/05/25 18:38

Lab Sample ID: 570-233498-8

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 01:50	1
2-Methylnaphthalene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 01:50	1
Acenaphthene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 01:50	1
Acenaphthylene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 01:50	1

Eurofins Calscience

Client Sample Results

Client: Ninyo & Moore
Project/Site: LARAP Pacific Palisades & Rustic Canyons

Job ID: 570-233498-1

Method: SW846 8270C SIM - PAHs (GC/MS SIM) (Continued)

Client Sample ID: PP-2

Date Collected: 06/05/25 09:40

Date Received: 06/05/25 18:38

Lab Sample ID: 570-233498-8

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Anthracene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 01:50	1
Benzo[g,h,i]perylene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 01:50	1
Benzo[k]fluoranthene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 01:50	1
Benzo[a]anthracene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 01:50	1
Benzo[a]pyrene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 01:50	1
Benzo[b]fluoranthene	0.022		0.020		mg/Kg		06/13/25 09:36	06/18/25 01:50	1
Chrysene	0.022		0.020		mg/Kg		06/13/25 09:36	06/18/25 01:50	1
Dibenz(a,h)anthracene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 01:50	1
Fluoranthene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 01:50	1
Fluorene	0.022		0.020		mg/Kg		06/13/25 09:36	06/18/25 01:50	1
Indeno[1,2,3-cd]pyrene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 01:50	1
Naphthalene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 01:50	1
Phenanthrene	0.024		0.020		mg/Kg		06/13/25 09:36	06/18/25 01:50	1
Pyrene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 01:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	85		22 - 130				06/13/25 09:36	06/18/25 01:50	1
Nitrobenzene-d5 (Surr)	93		20 - 145				06/13/25 09:36	06/18/25 01:50	1
p-Terphenyl-d14 (Surr)	93		33 - 147				06/13/25 09:36	06/18/25 01:50	1

Client Sample ID: PP-3

Date Collected: 06/05/25 10:00

Date Received: 06/05/25 18:38

Lab Sample ID: 570-233498-9

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 02:12	1
2-Methylnaphthalene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 02:12	1
Acenaphthene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 02:12	1
Acenaphthylene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 02:12	1
Anthracene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 02:12	1
Benzo[g,h,i]perylene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 02:12	1
Benzo[k]fluoranthene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 02:12	1
Benzo[a]anthracene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 02:12	1
Benzo[a]pyrene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 02:12	1
Benzo[b]fluoranthene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 02:12	1
Chrysene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 02:12	1
Dibenz(a,h)anthracene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 02:12	1
Fluoranthene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 02:12	1
Fluorene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 02:12	1
Indeno[1,2,3-cd]pyrene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 02:12	1
Naphthalene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 02:12	1
Phenanthrene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 02:12	1
Pyrene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 02:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	85		22 - 130				06/13/25 09:36	06/18/25 02:12	1
Nitrobenzene-d5 (Surr)	90		20 - 145				06/13/25 09:36	06/18/25 02:12	1
p-Terphenyl-d14 (Surr)	94		33 - 147				06/13/25 09:36	06/18/25 02:12	1

Eurofins Calscience

Client Sample Results

Client: Ninyo & Moore
Project/Site: LARAP Pacific Palisades & Rustic Canyons

Job ID: 570-233498-1

Method: SW846 8270C SIM - PAHs (GC/MS SIM)

Client Sample ID: PP-4

Date Collected: 06/05/25 09:50

Date Received: 06/05/25 18:38

Lab Sample ID: 570-233498-10

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	0.18		0.020		mg/Kg		06/13/25 09:36	06/18/25 02:35	1
2-Methylnaphthalene	0.24		0.020		mg/Kg		06/13/25 09:36	06/18/25 02:35	1
Acenaphthene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 02:35	1
Acenaphthylene	0.057		0.020		mg/Kg		06/13/25 09:36	06/18/25 02:35	1
Anthracene	0.044		0.020		mg/Kg		06/13/25 09:36	06/18/25 02:35	1
Benzo[g,h,i]perylene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 02:35	1
Benzo[k]fluoranthene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 02:35	1
Benzo[a]anthracene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 02:35	1
Benzo[a]pyrene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 02:35	1
Benzo[b]fluoranthene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 02:35	1
Chrysene	0.035		0.020		mg/Kg		06/13/25 09:36	06/18/25 02:35	1
Dibenz(a,h)anthracene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 02:35	1
Fluoranthene	0.14		0.020		mg/Kg		06/13/25 09:36	06/18/25 02:35	1
Fluorene	0.091		0.020		mg/Kg		06/13/25 09:36	06/18/25 02:35	1
Indeno[1,2,3-cd]pyrene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 02:35	1
Naphthalene	0.55		0.020		mg/Kg		06/13/25 09:36	06/18/25 02:35	1
Phenanthrene	0.27		0.020		mg/Kg		06/13/25 09:36	06/18/25 02:35	1
Pyrene	0.11		0.020		mg/Kg		06/13/25 09:36	06/18/25 02:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	63		22 - 130				06/13/25 09:36	06/18/25 02:35	1
Nitrobenzene-d5 (Surr)	63		20 - 145				06/13/25 09:36	06/18/25 02:35	1
p-Terphenyl-d14 (Surr)	71		33 - 147				06/13/25 09:36	06/18/25 02:35	1

Client Sample ID: PP-5

Date Collected: 06/05/25 10:10

Date Received: 06/05/25 18:38

Lab Sample ID: 570-233498-11

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 02:57	1
2-Methylnaphthalene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 02:57	1
Acenaphthene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 02:57	1
Acenaphthylene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 02:57	1
Anthracene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 02:57	1
Benzo[g,h,i]perylene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 02:57	1
Benzo[k]fluoranthene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 02:57	1
Benzo[a]anthracene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 02:57	1
Benzo[a]pyrene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 02:57	1
Benzo[b]fluoranthene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 02:57	1
Chrysene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 02:57	1
Dibenz(a,h)anthracene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 02:57	1
Fluoranthene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 02:57	1
Fluorene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 02:57	1
Indeno[1,2,3-cd]pyrene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 02:57	1
Naphthalene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 02:57	1
Phenanthrene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 02:57	1
Pyrene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 02:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	70		22 - 130				06/13/25 09:36	06/18/25 02:57	1
Nitrobenzene-d5 (Surr)	79		20 - 145				06/13/25 09:36	06/18/25 02:57	1

Eurofins Calscience

Client Sample Results

Client: Ninyo & Moore
Project/Site: LARAP Pacific Palisades & Rustic Canyons

Job ID: 570-233498-1

Method: SW846 8270C SIM - PAHs (GC/MS SIM) (Continued)

Client Sample ID: PP-5
Date Collected: 06/05/25 10:10
Date Received: 06/05/25 18:38

Lab Sample ID: 570-233498-11
Matrix: Solid

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
p-Terphenyl-d14 (Surr)	87		33 - 147	06/13/25 09:36	06/18/25 02:57	1

Client Sample ID: PP-6
Date Collected: 06/05/25 10:20
Date Received: 06/05/25 18:38

Lab Sample ID: 570-233498-12
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 03:20	1
2-Methylnaphthalene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 03:20	1
Acenaphthene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 03:20	1
Acenaphthylene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 03:20	1
Anthracene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 03:20	1
Benzo[g,h,i]perylene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 03:20	1
Benzo[k]fluoranthene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 03:20	1
Benzo[a]anthracene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 03:20	1
Benzo[a]pyrene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 03:20	1
Benzo[b]fluoranthene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 03:20	1
Chrysene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 03:20	1
Dibenz(a,h)anthracene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 03:20	1
Fluoranthene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 03:20	1
Fluorene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 03:20	1
Indeno[1,2,3-cd]pyrene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 03:20	1
Naphthalene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 03:20	1
Phenanthrene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 03:20	1
Pyrene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 03:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	82		22 - 130	06/13/25 09:36	06/18/25 03:20	1
Nitrobenzene-d5 (Surr)	82		20 - 145	06/13/25 09:36	06/18/25 03:20	1
p-Terphenyl-d14 (Surr)	93		33 - 147	06/13/25 09:36	06/18/25 03:20	1

Client Sample ID: GWPC-1
Date Collected: 06/05/25 11:20
Date Received: 06/05/25 18:38

Lab Sample ID: 570-233498-13
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 03:42	1
2-Methylnaphthalene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 03:42	1
Acenaphthene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 03:42	1
Acenaphthylene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 03:42	1
Anthracene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 03:42	1
Benzo[g,h,i]perylene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 03:42	1
Benzo[k]fluoranthene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 03:42	1
Benzo[a]anthracene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 03:42	1
Benzo[a]pyrene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 03:42	1
Benzo[b]fluoranthene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 03:42	1
Chrysene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 03:42	1
Dibenz(a,h)anthracene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 03:42	1
Fluoranthene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 03:42	1
Fluorene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 03:42	1
Indeno[1,2,3-cd]pyrene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 03:42	1
Naphthalene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 03:42	1

Eurofins Calscience

Client Sample Results

Client: Ninyo & Moore
Project/Site: LARAP Pacific Palisades & Rustic Canyons

Job ID: 570-233498-1

Method: SW846 8270C SIM - PAHs (GC/MS SIM) (Continued)

Client Sample ID: GWPC-1

Date Collected: 06/05/25 11:20

Date Received: 06/05/25 18:38

Lab Sample ID: 570-233498-13

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenanthrene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 03:42	1
Pyrene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 03:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	91		22 - 130				06/13/25 09:36	06/18/25 03:42	1
Nitrobenzene-d5 (Surr)	97		20 - 145				06/13/25 09:36	06/18/25 03:42	1
p-Terphenyl-d14 (Surr)	101		33 - 147				06/13/25 09:36	06/18/25 03:42	1

Client Sample ID: GWPC-2

Date Collected: 06/05/25 11:30

Date Received: 06/05/25 18:38

Lab Sample ID: 570-233498-14

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 04:05	1
2-Methylnaphthalene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 04:05	1
Acenaphthene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 04:05	1
Acenaphthylene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 04:05	1
Anthracene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 04:05	1
Benzo[g,h,i]perylene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 04:05	1
Benzo[k]fluoranthene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 04:05	1
Benzo[a]anthracene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 04:05	1
Benzo[a]pyrene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 04:05	1
Benzo[b]fluoranthene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 04:05	1
Chrysene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 04:05	1
Dibenz(a,h)anthracene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 04:05	1
Fluoranthene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 04:05	1
Fluorene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 04:05	1
Indeno[1,2,3-cd]pyrene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 04:05	1
Naphthalene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 04:05	1
Phenanthrene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 04:05	1
Pyrene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 04:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	86		22 - 130				06/13/25 09:36	06/18/25 04:05	1
Nitrobenzene-d5 (Surr)	95		20 - 145				06/13/25 09:36	06/18/25 04:05	1
p-Terphenyl-d14 (Surr)	96		33 - 147				06/13/25 09:36	06/18/25 04:05	1

Client Sample ID: GWPC-3

Date Collected: 06/05/25 11:40

Date Received: 06/05/25 18:38

Lab Sample ID: 570-233498-15

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 04:28	1
2-Methylnaphthalene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 04:28	1
Acenaphthene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 04:28	1
Acenaphthylene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 04:28	1
Anthracene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 04:28	1
Benzo[g,h,i]perylene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 04:28	1
Benzo[k]fluoranthene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 04:28	1
Benzo[a]anthracene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 04:28	1
Benzo[a]pyrene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 04:28	1
Benzo[b]fluoranthene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 04:28	1

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Client Sample Results

Client: Ninyo & Moore
Project/Site: LARAP Pacific Palisades & Rustic Canyons

Job ID: 570-233498-1

Method: SW846 8270C SIM - PAHs (GC/MS SIM) (Continued)

Client Sample ID: GWPC-3

Date Collected: 06/05/25 11:40

Date Received: 06/05/25 18:38

Lab Sample ID: 570-233498-15

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 04:28	1
Dibenz(a,h)anthracene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 04:28	1
Fluoranthene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 04:28	1
Fluorene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 04:28	1
Indeno[1,2,3-cd]pyrene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 04:28	1
Naphthalene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 04:28	1
Phenanthrene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 04:28	1
Pyrene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 04:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	89		22 - 130				06/13/25 09:36	06/18/25 04:28	1
Nitrobenzene-d5 (Surr)	94		20 - 145				06/13/25 09:36	06/18/25 04:28	1
p-Terphenyl-d14 (Surr)	98		33 - 147				06/13/25 09:36	06/18/25 04:28	1

Client Sample ID: GWPC-4

Date Collected: 06/05/25 11:50

Date Received: 06/05/25 18:38

Lab Sample ID: 570-233498-16

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 04:50	1
2-Methylnaphthalene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 04:50	1
Acenaphthene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 04:50	1
Acenaphthylene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 04:50	1
Anthracene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 04:50	1
Benzo[g,h,i]perylene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 04:50	1
Benzo[k]fluoranthene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 04:50	1
Benzo[a]anthracene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 04:50	1
Benzo[a]pyrene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 04:50	1
Benzo[b]fluoranthene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 04:50	1
Chrysene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 04:50	1
Dibenz(a,h)anthracene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 04:50	1
Fluoranthene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 04:50	1
Fluorene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 04:50	1
Indeno[1,2,3-cd]pyrene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 04:50	1
Naphthalene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 04:50	1
Phenanthrene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 04:50	1
Pyrene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 04:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	85		22 - 130				06/13/25 09:36	06/18/25 04:50	1
Nitrobenzene-d5 (Surr)	88		20 - 145				06/13/25 09:36	06/18/25 04:50	1
p-Terphenyl-d14 (Surr)	90		33 - 147				06/13/25 09:36	06/18/25 04:50	1

Client Sample ID: VL0-1

Date Collected: 06/05/25 12:55

Date Received: 06/05/25 18:38

Lab Sample ID: 570-233498-17

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 05:13	1
2-Methylnaphthalene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 05:13	1
Acenaphthene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 05:13	1
Acenaphthylene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 05:13	1

Eurofins Calscience

Client Sample Results

Client: Ninyo & Moore
Project/Site: LARAP Pacific Palisades & Rustic Canyons

Job ID: 570-233498-1

Method: SW846 8270C SIM - PAHs (GC/MS SIM) (Continued)

Client Sample ID: VL0-1

Date Collected: 06/05/25 12:55

Date Received: 06/05/25 18:38

Lab Sample ID: 570-233498-17

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Anthracene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 05:13	1
Benzo[g,h,i]perylene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 05:13	1
Benzo[k]fluoranthene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 05:13	1
Benzo[a]anthracene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 05:13	1
Benzo[a]pyrene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 05:13	1
Benzo[b]fluoranthene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 05:13	1
Chrysene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 05:13	1
Dibenz(a,h)anthracene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 05:13	1
Fluoranthene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 05:13	1
Fluorene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 05:13	1
Indeno[1,2,3-cd]pyrene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 05:13	1
Naphthalene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 05:13	1
Phenanthrene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 05:13	1
Pyrene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 05:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	94		22 - 130				06/13/25 09:36	06/18/25 05:13	1
Nitrobenzene-d5 (Surr)	102		20 - 145				06/13/25 09:36	06/18/25 05:13	1
p-Terphenyl-d14 (Surr)	101		33 - 147				06/13/25 09:36	06/18/25 05:13	1

Client Sample ID: VL0-2

Date Collected: 06/05/25 12:50

Date Received: 06/05/25 18:38

Lab Sample ID: 570-233498-18

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.20		mg/Kg		06/13/25 09:36	06/18/25 05:35	10
2-Methylnaphthalene	ND		0.20		mg/Kg		06/13/25 09:36	06/18/25 05:35	10
Acenaphthene	ND		0.20		mg/Kg		06/13/25 09:36	06/18/25 05:35	10
Acenaphthylene	ND		0.20		mg/Kg		06/13/25 09:36	06/18/25 05:35	10
Anthracene	ND		0.20		mg/Kg		06/13/25 09:36	06/18/25 05:35	10
Benzo[g,h,i]perylene	ND		0.20		mg/Kg		06/13/25 09:36	06/18/25 05:35	10
Benzo[k]fluoranthene	ND		0.20		mg/Kg		06/13/25 09:36	06/18/25 05:35	10
Benzo[a]anthracene	ND		0.20		mg/Kg		06/13/25 09:36	06/18/25 05:35	10
Benzo[a]pyrene	ND		0.20		mg/Kg		06/13/25 09:36	06/18/25 05:35	10
Benzo[b]fluoranthene	ND		0.20		mg/Kg		06/13/25 09:36	06/18/25 05:35	10
Chrysene	ND		0.20		mg/Kg		06/13/25 09:36	06/18/25 05:35	10
Dibenz(a,h)anthracene	ND		0.20		mg/Kg		06/13/25 09:36	06/18/25 05:35	10
Fluoranthene	ND		0.20		mg/Kg		06/13/25 09:36	06/18/25 05:35	10
Fluorene	ND		0.20		mg/Kg		06/13/25 09:36	06/18/25 05:35	10
Indeno[1,2,3-cd]pyrene	ND		0.20		mg/Kg		06/13/25 09:36	06/18/25 05:35	10
Naphthalene	ND		0.20		mg/Kg		06/13/25 09:36	06/18/25 05:35	10
Phenanthrene	ND		0.20		mg/Kg		06/13/25 09:36	06/18/25 05:35	10
Pyrene	ND		0.20		mg/Kg		06/13/25 09:36	06/18/25 05:35	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	81		22 - 130				06/13/25 09:36	06/18/25 05:35	10
Nitrobenzene-d5 (Surr)	83		20 - 145				06/13/25 09:36	06/18/25 05:35	10
p-Terphenyl-d14 (Surr)	90		33 - 147				06/13/25 09:36	06/18/25 05:35	10

Eurofins Calscience

Client Sample Results

Client: Ninyo & Moore
Project/Site: LARAP Pacific Palisades & Rustic Canyons

Job ID: 570-233498-1

Method: SW846 8270C SIM - PAHs (GC/MS SIM)

Client Sample ID: TC-1

Date Collected: 06/05/25 13:35

Date Received: 06/05/25 18:38

Lab Sample ID: 570-233498-19

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 05:58	1
2-Methylnaphthalene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 05:58	1
Acenaphthene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 05:58	1
Acenaphthylene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 05:58	1
Anthracene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 05:58	1
Benzo[g,h,i]perylene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 05:58	1
Benzo[k]fluoranthene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 05:58	1
Benzo[a]anthracene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 05:58	1
Benzo[a]pyrene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 05:58	1
Benzo[b]fluoranthene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 05:58	1
Chrysene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 05:58	1
Dibenz(a,h)anthracene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 05:58	1
Fluoranthene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 05:58	1
Fluorene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 05:58	1
Indeno[1,2,3-cd]pyrene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 05:58	1
Naphthalene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 05:58	1
Phenanthrene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 05:58	1
Pyrene	ND		0.020		mg/Kg		06/13/25 09:36	06/18/25 05:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	87		22 - 130				06/13/25 09:36	06/18/25 05:58	1
Nitrobenzene-d5 (Surr)	89		20 - 145				06/13/25 09:36	06/18/25 05:58	1
p-Terphenyl-d14 (Surr)	92		33 - 147				06/13/25 09:36	06/18/25 05:58	1

Client Sample ID: TC-2

Date Collected: 06/05/25 13:30

Date Received: 06/05/25 18:38

Lab Sample ID: 570-233498-20

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.020		mg/Kg		06/13/25 09:39	06/17/25 04:49	1
2-Methylnaphthalene	ND		0.020		mg/Kg		06/13/25 09:39	06/17/25 04:49	1
Acenaphthene	ND		0.020		mg/Kg		06/13/25 09:39	06/17/25 04:49	1
Acenaphthylene	ND		0.020		mg/Kg		06/13/25 09:39	06/17/25 04:49	1
Anthracene	ND		0.020		mg/Kg		06/13/25 09:39	06/17/25 04:49	1
Benzo[g,h,i]perylene	ND		0.020		mg/Kg		06/13/25 09:39	06/17/25 04:49	1
Benzo[k]fluoranthene	ND		0.020		mg/Kg		06/13/25 09:39	06/17/25 04:49	1
Benzo[a]anthracene	ND		0.020		mg/Kg		06/13/25 09:39	06/17/25 04:49	1
Benzo[a]pyrene	ND		0.020		mg/Kg		06/13/25 09:39	06/17/25 04:49	1
Benzo[b]fluoranthene	ND		0.020		mg/Kg		06/13/25 09:39	06/17/25 04:49	1
Chrysene	ND		0.020		mg/Kg		06/13/25 09:39	06/17/25 04:49	1
Dibenz(a,h)anthracene	ND		0.020		mg/Kg		06/13/25 09:39	06/17/25 04:49	1
Fluoranthene	ND		0.020		mg/Kg		06/13/25 09:39	06/17/25 04:49	1
Fluorene	ND		0.020		mg/Kg		06/13/25 09:39	06/17/25 04:49	1
Indeno[1,2,3-cd]pyrene	ND		0.020		mg/Kg		06/13/25 09:39	06/17/25 04:49	1
Naphthalene	ND		0.020		mg/Kg		06/13/25 09:39	06/17/25 04:49	1
Phenanthrene	ND		0.020		mg/Kg		06/13/25 09:39	06/17/25 04:49	1
Pyrene	ND		0.020		mg/Kg		06/13/25 09:39	06/17/25 04:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	92		22 - 130				06/13/25 09:39	06/17/25 04:49	1
Nitrobenzene-d5 (Surr)	89		20 - 145				06/13/25 09:39	06/17/25 04:49	1

Eurofins Calscience

Client Sample Results

Client: Ninyo & Moore
Project/Site: LARAP Pacific Palisades & Rustic Canyons

Job ID: 570-233498-1

Method: SW846 8270C SIM - PAHs (GC/MS SIM) (Continued)

Client Sample ID: TC-2
Date Collected: 06/05/25 13:30
Date Received: 06/05/25 18:38

Lab Sample ID: 570-233498-20
Matrix: Solid

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
p-Terphenyl-d14 (Surr)	96		33 - 147	06/13/25 09:39	06/17/25 04:49	1

Client Sample ID: AV-1
Date Collected: 06/05/25 13:55
Date Received: 06/05/25 18:38

Lab Sample ID: 570-233498-21
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.020		mg/Kg		06/13/25 09:39	06/17/25 04:26	1
2-Methylnaphthalene	ND		0.020		mg/Kg		06/13/25 09:39	06/17/25 04:26	1
Acenaphthene	ND		0.020		mg/Kg		06/13/25 09:39	06/17/25 04:26	1
Acenaphthylene	ND		0.020		mg/Kg		06/13/25 09:39	06/17/25 04:26	1
Anthracene	ND		0.020		mg/Kg		06/13/25 09:39	06/17/25 04:26	1
Benzo[g,h,i]perylene	ND		0.020		mg/Kg		06/13/25 09:39	06/17/25 04:26	1
Benzo[k]fluoranthene	ND		0.020		mg/Kg		06/13/25 09:39	06/17/25 04:26	1
Benzo[a]anthracene	ND		0.020		mg/Kg		06/13/25 09:39	06/17/25 04:26	1
Benzo[a]pyrene	ND		0.020		mg/Kg		06/13/25 09:39	06/17/25 04:26	1
Benzo[b]fluoranthene	ND		0.020		mg/Kg		06/13/25 09:39	06/17/25 04:26	1
Chrysene	ND		0.020		mg/Kg		06/13/25 09:39	06/17/25 04:26	1
Dibenz(a,h)anthracene	ND		0.020		mg/Kg		06/13/25 09:39	06/17/25 04:26	1
Fluoranthene	ND		0.020		mg/Kg		06/13/25 09:39	06/17/25 04:26	1
Fluorene	ND		0.020		mg/Kg		06/13/25 09:39	06/17/25 04:26	1
Indeno[1,2,3-cd]pyrene	ND		0.020		mg/Kg		06/13/25 09:39	06/17/25 04:26	1
Naphthalene	ND		0.020		mg/Kg		06/13/25 09:39	06/17/25 04:26	1
Phenanthrene	ND		0.020		mg/Kg		06/13/25 09:39	06/17/25 04:26	1
Pyrene	ND		0.020		mg/Kg		06/13/25 09:39	06/17/25 04:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	90		22 - 130	06/13/25 09:39	06/17/25 04:26	1
Nitrobenzene-d5 (Surr)	85		20 - 145	06/13/25 09:39	06/17/25 04:26	1
p-Terphenyl-d14 (Surr)	93		33 - 147	06/13/25 09:39	06/17/25 04:26	1

Client Sample ID: AV-2
Date Collected: 06/05/25 13:55
Date Received: 06/05/25 18:38

Lab Sample ID: 570-233498-22
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.10		mg/Kg		06/13/25 09:39	06/18/25 14:59	5
2-Methylnaphthalene	ND		0.10		mg/Kg		06/13/25 09:39	06/18/25 14:59	5
Acenaphthene	ND		0.10		mg/Kg		06/13/25 09:39	06/18/25 14:59	5
Acenaphthylene	ND		0.10		mg/Kg		06/13/25 09:39	06/18/25 14:59	5
Anthracene	ND		0.10		mg/Kg		06/13/25 09:39	06/18/25 14:59	5
Benzo[g,h,i]perylene	ND		0.10		mg/Kg		06/13/25 09:39	06/18/25 14:59	5
Benzo[k]fluoranthene	ND		0.10		mg/Kg		06/13/25 09:39	06/18/25 14:59	5
Benzo[a]anthracene	ND		0.10		mg/Kg		06/13/25 09:39	06/18/25 14:59	5
Benzo[a]pyrene	ND		0.10		mg/Kg		06/13/25 09:39	06/18/25 14:59	5
Benzo[b]fluoranthene	ND		0.10		mg/Kg		06/13/25 09:39	06/18/25 14:59	5
Chrysene	ND		0.10		mg/Kg		06/13/25 09:39	06/18/25 14:59	5
Dibenz(a,h)anthracene	ND		0.10		mg/Kg		06/13/25 09:39	06/18/25 14:59	5
Fluoranthene	ND		0.10		mg/Kg		06/13/25 09:39	06/18/25 14:59	5
Fluorene	ND		0.10		mg/Kg		06/13/25 09:39	06/18/25 14:59	5
Indeno[1,2,3-cd]pyrene	ND		0.10		mg/Kg		06/13/25 09:39	06/18/25 14:59	5
Naphthalene	ND		0.10		mg/Kg		06/13/25 09:39	06/18/25 14:59	5

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Client Sample Results

Client: Ninyo & Moore
Project/Site: LARAP Pacific Palisades & Rustic Canyons

Job ID: 570-233498-1

Method: SW846 8270C SIM - PAHs (GC/MS SIM) (Continued)

Client Sample ID: AV-2

Date Collected: 06/05/25 13:55

Date Received: 06/05/25 18:38

Lab Sample ID: 570-233498-22

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenanthrene	ND		0.10		mg/Kg		06/13/25 09:39	06/18/25 14:59	5
Pyrene	ND		0.10		mg/Kg		06/13/25 09:39	06/18/25 14:59	5
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	85		22 - 130				06/13/25 09:39	06/18/25 14:59	5
Nitrobenzene-d5 (Surr)	81		20 - 145				06/13/25 09:39	06/18/25 14:59	5
p-Terphenyl-d14 (Surr)	92		33 - 147				06/13/25 09:39	06/18/25 14:59	5

Client Sample Results

Client: Ninyo & Moore
Project/Site: LARAP Pacific Palisades & Rustic Canyons

Job ID: 570-233498-1

Method: SW846 6010B - Metals (ICP)

Client Sample ID: RC-1

Date Collected: 06/05/25 09:00

Date Received: 06/05/25 18:38

Lab Sample ID: 570-233498-1

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND	F1	9.71		mg/Kg		06/13/25 10:00	06/18/25 12:45	2
Arsenic	7.61		2.91		mg/Kg		06/13/25 10:00	06/18/25 12:45	2
Barium	121		1.94		mg/Kg		06/13/25 10:00	06/18/25 12:45	2
Beryllium	ND		0.389		mg/Kg		06/13/25 10:00	06/18/25 12:45	2
Cadmium	7.85		0.389		mg/Kg		06/13/25 10:00	06/18/25 12:45	2
Chromium	69.2		0.971		mg/Kg		06/13/25 10:00	06/18/25 12:45	2
Cobalt	7.34		1.94		mg/Kg		06/13/25 10:00	06/18/25 12:45	2
Copper	60.5		1.94		mg/Kg		06/13/25 10:00	06/18/25 12:45	2
Lead	44.6		1.94		mg/Kg		06/13/25 10:00	06/18/25 12:45	2
Molybdenum	ND		3.89		mg/Kg		06/13/25 10:00	06/18/25 12:45	2
Nickel	21.5		1.94		mg/Kg		06/13/25 10:00	06/18/25 12:45	2
Selenium	ND		2.91		mg/Kg		06/13/25 10:00	06/18/25 12:45	2
Silver	5.48		1.94		mg/Kg		06/13/25 10:00	06/18/25 12:45	2
Thallium	ND		9.71		mg/Kg		06/13/25 10:00	06/18/25 12:45	2
Vanadium	34.2		3.89		mg/Kg		06/13/25 10:00	06/18/25 12:45	2
Zinc	167		3.89		mg/Kg		06/13/25 10:00	06/18/25 12:45	2
Lithium	ND		19.4		mg/Kg		06/13/25 10:00	06/18/25 12:45	2

Client Sample ID: RC-2

Date Collected: 06/05/25 09:10

Date Received: 06/05/25 18:38

Lab Sample ID: 570-233498-2

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		10.1		mg/Kg		06/13/25 10:00	06/16/25 14:24	2
Arsenic	8.89		3.02		mg/Kg		06/13/25 10:00	06/16/25 14:24	2
Barium	93.6		2.02		mg/Kg		06/13/25 10:00	06/16/25 14:24	2
Beryllium	ND		0.403		mg/Kg		06/13/25 10:00	06/16/25 14:24	2
Cadmium	0.423		0.403		mg/Kg		06/13/25 10:00	06/16/25 14:24	2
Chromium	22.7		1.01		mg/Kg		06/13/25 10:00	06/16/25 14:24	2
Cobalt	6.65		2.02		mg/Kg		06/13/25 10:00	06/16/25 14:24	2
Copper	27.5		2.02		mg/Kg		06/13/25 10:00	06/16/25 14:24	2
Lead	39.5		2.02		mg/Kg		06/13/25 10:00	06/16/25 14:24	2
Molybdenum	ND		4.03		mg/Kg		06/13/25 10:00	06/16/25 14:24	2
Nickel	18.3		2.02		mg/Kg		06/13/25 10:00	06/16/25 14:24	2
Selenium	ND		3.02		mg/Kg		06/13/25 10:00	06/16/25 14:24	2
Silver	ND		2.02		mg/Kg		06/13/25 10:00	06/16/25 14:24	2
Thallium	ND		10.1		mg/Kg		06/13/25 10:00	06/16/25 14:24	2
Vanadium	30.5		4.03		mg/Kg		06/13/25 10:00	06/16/25 14:24	2
Zinc	143		4.03		mg/Kg		06/13/25 10:00	06/16/25 14:24	2
Lithium	ND		20.2		mg/Kg		06/13/25 10:00	06/16/25 14:24	2

Client Sample ID: RC-3

Date Collected: 06/05/25 08:50

Date Received: 06/05/25 18:38

Lab Sample ID: 570-233498-3

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		9.89		mg/Kg		06/13/25 10:00	06/18/25 13:03	2
Arsenic	3.90		2.97		mg/Kg		06/13/25 10:00	06/18/25 13:03	2
Barium	120		1.98		mg/Kg		06/13/25 10:00	06/18/25 13:03	2
Beryllium	ND		0.396		mg/Kg		06/13/25 10:00	06/18/25 13:03	2
Cadmium	0.693		0.396		mg/Kg		06/13/25 10:00	06/18/25 13:03	2
Chromium	18.6		0.989		mg/Kg		06/13/25 10:00	06/18/25 13:03	2

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Client Sample Results

Client: Ninyo & Moore
Project/Site: LARAP Pacific Palisades & Rustic Canyons

Job ID: 570-233498-1

Method: SW846 6010B - Metals (ICP) (Continued)

Client Sample ID: RC-3

Date Collected: 06/05/25 08:50

Date Received: 06/05/25 18:38

Lab Sample ID: 570-233498-3

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	6.79		1.98		mg/Kg		06/13/25 10:00	06/18/25 13:03	2
Copper	21.9		1.98		mg/Kg		06/13/25 10:00	06/18/25 13:03	2
Lead	25.0		1.98		mg/Kg		06/13/25 10:00	06/18/25 13:03	2
Molybdenum	ND		3.96		mg/Kg		06/13/25 10:00	06/18/25 13:03	2
Nickel	12.9		1.98		mg/Kg		06/13/25 10:00	06/18/25 13:03	2
Selenium	ND		2.97		mg/Kg		06/13/25 10:00	06/18/25 13:03	2
Silver	ND		1.98		mg/Kg		06/13/25 10:00	06/18/25 13:03	2
Thallium	ND		9.89		mg/Kg		06/13/25 10:00	06/18/25 13:03	2
Vanadium	32.5		3.96		mg/Kg		06/13/25 10:00	06/18/25 13:03	2
Zinc	108		3.96		mg/Kg		06/13/25 10:00	06/18/25 13:03	2
Lithium	ND		19.8		mg/Kg		06/13/25 10:00	06/18/25 13:03	2

Client Sample ID: RC-4

Date Collected: 06/05/25 09:20

Date Received: 06/05/25 18:38

Lab Sample ID: 570-233498-4

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		9.39		mg/Kg		06/13/25 10:00	06/16/25 14:27	2
Arsenic	4.19		2.82		mg/Kg		06/13/25 10:00	06/16/25 14:27	2
Barium	42.4		1.88		mg/Kg		06/13/25 10:00	06/16/25 14:27	2
Beryllium	ND		0.376		mg/Kg		06/13/25 10:00	06/16/25 14:27	2
Cadmium	1.33		0.376		mg/Kg		06/13/25 10:00	06/16/25 14:27	2
Chromium	22.3		0.939		mg/Kg		06/13/25 10:00	06/16/25 14:27	2
Cobalt	3.45		1.88		mg/Kg		06/13/25 10:00	06/16/25 14:27	2
Copper	17.8		1.88		mg/Kg		06/13/25 10:00	06/16/25 14:27	2
Lead	14.4		1.88		mg/Kg		06/13/25 10:00	06/16/25 14:27	2
Molybdenum	ND		3.76		mg/Kg		06/13/25 10:00	06/16/25 14:27	2
Nickel	10.3		1.88		mg/Kg		06/13/25 10:00	06/16/25 14:27	2
Selenium	ND		2.82		mg/Kg		06/13/25 10:00	06/16/25 14:27	2
Silver	ND		1.88		mg/Kg		06/13/25 10:00	06/16/25 14:27	2
Thallium	ND		9.39		mg/Kg		06/13/25 10:00	06/16/25 14:27	2
Vanadium	18.8		3.76		mg/Kg		06/13/25 10:00	06/16/25 14:27	2
Zinc	65.5		3.76		mg/Kg		06/13/25 10:00	06/16/25 14:27	2
Lithium	ND		18.8		mg/Kg		06/13/25 10:00	06/16/25 14:27	2

Client Sample ID: RC-5

Date Collected: 06/05/25 08:40

Date Received: 06/05/25 18:38

Lab Sample ID: 570-233498-5

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		9.59		mg/Kg		06/13/25 10:00	06/18/25 13:05	2
Arsenic	12.4		2.88		mg/Kg		06/13/25 10:00	06/18/25 13:05	2
Barium	97.3		1.92		mg/Kg		06/13/25 10:00	06/18/25 13:05	2
Beryllium	0.441		0.384		mg/Kg		06/13/25 10:00	06/18/25 13:05	2
Cadmium	2.59		0.384		mg/Kg		06/13/25 10:00	06/18/25 13:05	2
Chromium	41.9		0.959		mg/Kg		06/13/25 10:00	06/18/25 13:05	2
Cobalt	6.64		1.92		mg/Kg		06/13/25 10:00	06/18/25 13:05	2
Copper	50.2		1.92		mg/Kg		06/13/25 10:00	06/18/25 13:05	2
Lead	56.3		1.92		mg/Kg		06/13/25 10:00	06/18/25 13:05	2
Molybdenum	ND		3.84		mg/Kg		06/13/25 10:00	06/18/25 13:05	2
Nickel	22.2		1.92		mg/Kg		06/13/25 10:00	06/18/25 13:05	2
Selenium	ND		2.88		mg/Kg		06/13/25 10:00	06/18/25 13:05	2

Eurofins Calscience

Client Sample Results

Client: Ninyo & Moore
Project/Site: LARAP Pacific Palisades & Rustic Canyons

Job ID: 570-233498-1

Method: SW846 6010B - Metals (ICP) (Continued)

Client Sample ID: RC-5

Date Collected: 06/05/25 08:40

Date Received: 06/05/25 18:38

Lab Sample ID: 570-233498-5

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	2.03		1.92		mg/Kg		06/13/25 10:00	06/18/25 13:05	2
Thallium	ND		9.59		mg/Kg		06/13/25 10:00	06/18/25 13:05	2
Vanadium	34.1		3.84		mg/Kg		06/13/25 10:00	06/18/25 13:05	2
Zinc	126		3.84		mg/Kg		06/13/25 10:00	06/18/25 13:05	2
Lithium	ND		19.2		mg/Kg		06/13/25 10:00	06/18/25 13:05	2

Client Sample ID: RC-6

Date Collected: 06/05/25 08:30

Date Received: 06/05/25 18:38

Lab Sample ID: 570-233498-6

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		9.13		mg/Kg		06/13/25 10:00	06/18/25 13:07	2
Arsenic	ND		2.74		mg/Kg		06/13/25 10:00	06/18/25 13:07	2
Barium	80.3		1.83		mg/Kg		06/13/25 10:00	06/18/25 13:07	2
Beryllium	ND		0.365		mg/Kg		06/13/25 10:00	06/18/25 13:07	2
Cadmium	ND		0.365		mg/Kg		06/13/25 10:00	06/18/25 13:07	2
Chromium	22.8		0.913		mg/Kg		06/13/25 10:00	06/18/25 13:07	2
Cobalt	8.21		1.83		mg/Kg		06/13/25 10:00	06/18/25 13:07	2
Copper	19.4		1.83		mg/Kg		06/13/25 10:00	06/18/25 13:07	2
Lead	5.75		1.83		mg/Kg		06/13/25 10:00	06/18/25 13:07	2
Molybdenum	ND		3.65		mg/Kg		06/13/25 10:00	06/18/25 13:07	2
Nickel	15.4		1.83		mg/Kg		06/13/25 10:00	06/18/25 13:07	2
Selenium	ND		2.74		mg/Kg		06/13/25 10:00	06/18/25 13:07	2
Silver	ND		1.83		mg/Kg		06/13/25 10:00	06/18/25 13:07	2
Thallium	ND		9.13		mg/Kg		06/13/25 10:00	06/18/25 13:07	2
Vanadium	38.4		3.65		mg/Kg		06/13/25 10:00	06/18/25 13:07	2
Zinc	43.3		3.65		mg/Kg		06/13/25 10:00	06/18/25 13:07	2
Lithium	ND		18.3		mg/Kg		06/13/25 10:00	06/18/25 13:07	2

Client Sample ID: PP-1

Date Collected: 06/05/25 09:30

Date Received: 06/05/25 18:38

Lab Sample ID: 570-233498-7

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		10.0		mg/Kg		06/13/25 10:00	06/18/25 13:10	2
Arsenic	6.75		3.01		mg/Kg		06/13/25 10:00	06/18/25 13:10	2
Barium	94.8		2.01		mg/Kg		06/13/25 10:00	06/18/25 13:10	2
Beryllium	ND		0.402		mg/Kg		06/13/25 10:00	06/18/25 13:10	2
Cadmium	ND		0.402		mg/Kg		06/13/25 10:00	06/18/25 13:10	2
Chromium	11.0		1.00		mg/Kg		06/13/25 10:00	06/18/25 13:10	2
Cobalt	5.26		2.01		mg/Kg		06/13/25 10:00	06/18/25 13:10	2
Copper	16.1		2.01		mg/Kg		06/13/25 10:00	06/18/25 13:10	2
Lead	7.55		2.01		mg/Kg		06/13/25 10:00	06/18/25 13:10	2
Molybdenum	ND		4.02		mg/Kg		06/13/25 10:00	06/18/25 13:10	2
Nickel	8.07		2.01		mg/Kg		06/13/25 10:00	06/18/25 13:10	2
Selenium	ND		3.01		mg/Kg		06/13/25 10:00	06/18/25 13:10	2
Silver	ND		2.01		mg/Kg		06/13/25 10:00	06/18/25 13:10	2
Thallium	ND		10.0		mg/Kg		06/13/25 10:00	06/18/25 13:10	2
Vanadium	27.0		4.02		mg/Kg		06/13/25 10:00	06/18/25 13:10	2
Zinc	68.8		4.02		mg/Kg		06/13/25 10:00	06/18/25 13:10	2
Lithium	ND		20.1		mg/Kg		06/13/25 10:00	06/18/25 13:10	2

Eurofins Calscience

Client Sample Results

Client: Ninyo & Moore
Project/Site: LARAP Pacific Palisades & Rustic Canyons

Job ID: 570-233498-1

Method: SW846 6010B - Metals (ICP)

Client Sample ID: PP-2

Date Collected: 06/05/25 09:40

Date Received: 06/05/25 18:38

Lab Sample ID: 570-233498-8

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		9.24		mg/Kg		06/13/25 10:00	06/18/25 13:12	2
Arsenic	7.50		2.77		mg/Kg		06/13/25 10:00	06/18/25 13:12	2
Barium	116		1.85		mg/Kg		06/13/25 10:00	06/18/25 13:12	2
Beryllium	0.721		0.370		mg/Kg		06/13/25 10:00	06/18/25 13:12	2
Cadmium	1.37		0.370		mg/Kg		06/13/25 10:00	06/18/25 13:12	2
Chromium	32.7		0.924		mg/Kg		06/13/25 10:00	06/18/25 13:12	2
Cobalt	11.0		1.85		mg/Kg		06/13/25 10:00	06/18/25 13:12	2
Copper	28.6		1.85		mg/Kg		06/13/25 10:00	06/18/25 13:12	2
Lead	18.9		1.85		mg/Kg		06/13/25 10:00	06/18/25 13:12	2
Molybdenum	ND		3.70		mg/Kg		06/13/25 10:00	06/18/25 13:12	2
Nickel	23.2		1.85		mg/Kg		06/13/25 10:00	06/18/25 13:12	2
Selenium	ND		2.77		mg/Kg		06/13/25 10:00	06/18/25 13:12	2
Silver	ND		1.85		mg/Kg		06/13/25 10:00	06/18/25 13:12	2
Thallium	ND		9.24		mg/Kg		06/13/25 10:00	06/18/25 13:12	2
Vanadium	45.4		3.70		mg/Kg		06/13/25 10:00	06/18/25 13:12	2
Zinc	108		3.70		mg/Kg		06/13/25 10:00	06/18/25 13:12	2
Lithium	ND		18.5		mg/Kg		06/13/25 10:00	06/18/25 13:12	2

Client Sample ID: PP-3

Date Collected: 06/05/25 10:00

Date Received: 06/05/25 18:38

Lab Sample ID: 570-233498-9

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		8.92		mg/Kg		06/13/25 10:00	06/18/25 13:14	2
Arsenic	6.57		2.68		mg/Kg		06/13/25 10:00	06/18/25 13:14	2
Barium	121		1.78		mg/Kg		06/13/25 10:00	06/18/25 13:14	2
Beryllium	0.428		0.357		mg/Kg		06/13/25 10:00	06/18/25 13:14	2
Cadmium	2.00		0.357		mg/Kg		06/13/25 10:00	06/18/25 13:14	2
Chromium	30.5		0.892		mg/Kg		06/13/25 10:00	06/18/25 13:14	2
Cobalt	8.71		1.78		mg/Kg		06/13/25 10:00	06/18/25 13:14	2
Copper	26.5		1.78		mg/Kg		06/13/25 10:00	06/18/25 13:14	2
Lead	19.8		1.78		mg/Kg		06/13/25 10:00	06/18/25 13:14	2
Molybdenum	ND		3.57		mg/Kg		06/13/25 10:00	06/18/25 13:14	2
Nickel	15.5		1.78		mg/Kg		06/13/25 10:00	06/18/25 13:14	2
Selenium	ND		2.68		mg/Kg		06/13/25 10:00	06/18/25 13:14	2
Silver	ND		1.78		mg/Kg		06/13/25 10:00	06/18/25 13:14	2
Thallium	ND		8.92		mg/Kg		06/13/25 10:00	06/18/25 13:14	2
Vanadium	37.4		3.57		mg/Kg		06/13/25 10:00	06/18/25 13:14	2
Zinc	110		3.57		mg/Kg		06/13/25 10:00	06/18/25 13:14	2
Lithium	ND		17.8		mg/Kg		06/13/25 10:00	06/18/25 13:14	2

Client Sample ID: PP-4

Date Collected: 06/05/25 09:50

Date Received: 06/05/25 18:38

Lab Sample ID: 570-233498-10

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		9.96		mg/Kg		06/13/25 10:00	06/18/25 13:46	2
Arsenic	16.6		2.99		mg/Kg		06/13/25 10:00	06/18/25 13:46	2
Barium	206		1.99		mg/Kg		06/13/25 10:00	06/18/25 13:46	2
Beryllium	0.637		0.398		mg/Kg		06/13/25 10:00	06/18/25 13:46	2
Cadmium	2.95		0.398		mg/Kg		06/13/25 10:00	06/18/25 13:46	2
Chromium	63.6		0.996		mg/Kg		06/13/25 10:00	06/18/25 13:46	2

Eurofins Calscience

Client Sample Results

Client: Ninyo & Moore
Project/Site: LARAP Pacific Palisades & Rustic Canyons

Job ID: 570-233498-1

Method: SW846 6010B - Metals (ICP) (Continued)

Client Sample ID: PP-4
Date Collected: 06/05/25 09:50
Date Received: 06/05/25 18:38

Lab Sample ID: 570-233498-10
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	11.0		1.99		mg/Kg		06/13/25 10:00	06/18/25 13:46	2
Copper	115		1.99		mg/Kg		06/13/25 10:00	06/18/25 13:46	2
Lead	96.1		1.99		mg/Kg		06/13/25 10:00	06/18/25 13:46	2
Molybdenum	5.00		3.98		mg/Kg		06/13/25 10:00	06/18/25 13:46	2
Nickel	27.4		1.99		mg/Kg		06/13/25 10:00	06/18/25 13:46	2
Selenium	ND		2.99		mg/Kg		06/13/25 10:00	06/18/25 13:46	2
Silver	2.65		1.99		mg/Kg		06/13/25 10:00	06/18/25 13:46	2
Thallium	ND		9.96		mg/Kg		06/13/25 10:00	06/18/25 13:46	2
Vanadium	43.9		3.98		mg/Kg		06/13/25 10:00	06/18/25 13:46	2
Zinc	744		3.98		mg/Kg		06/13/25 10:00	06/18/25 13:46	2
Lithium	ND		19.9		mg/Kg		06/13/25 10:00	06/18/25 13:46	2

Client Sample ID: PP-5
Date Collected: 06/05/25 10:10
Date Received: 06/05/25 18:38

Lab Sample ID: 570-233498-11
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		9.25		mg/Kg		06/13/25 10:00	06/18/25 13:49	2
Arsenic	4.35		2.78		mg/Kg		06/13/25 10:00	06/18/25 13:49	2
Barium	88.2		1.85		mg/Kg		06/13/25 10:00	06/18/25 13:49	2
Beryllium	0.370		0.370		mg/Kg		06/13/25 10:00	06/18/25 13:49	2
Cadmium	0.981		0.370		mg/Kg		06/13/25 10:00	06/18/25 13:49	2
Chromium	24.2		0.925		mg/Kg		06/13/25 10:00	06/18/25 13:49	2
Cobalt	5.81		1.85		mg/Kg		06/13/25 10:00	06/18/25 13:49	2
Copper	19.2		1.85		mg/Kg		06/13/25 10:00	06/18/25 13:49	2
Lead	12.9		1.85		mg/Kg		06/13/25 10:00	06/18/25 13:49	2
Molybdenum	ND		3.70		mg/Kg		06/13/25 10:00	06/18/25 13:49	2
Nickel	12.6		1.85		mg/Kg		06/13/25 10:00	06/18/25 13:49	2
Selenium	ND		2.78		mg/Kg		06/13/25 10:00	06/18/25 13:49	2
Silver	ND		1.85		mg/Kg		06/13/25 10:00	06/18/25 13:49	2
Thallium	ND		9.25		mg/Kg		06/13/25 10:00	06/18/25 13:49	2
Vanadium	31.4		3.70		mg/Kg		06/13/25 10:00	06/18/25 13:49	2
Zinc	97.2		3.70		mg/Kg		06/13/25 10:00	06/18/25 13:49	2
Lithium	ND		18.5		mg/Kg		06/13/25 10:00	06/18/25 13:49	2

Client Sample ID: PP-6
Date Collected: 06/05/25 10:20
Date Received: 06/05/25 18:38

Lab Sample ID: 570-233498-12
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		9.92		mg/Kg		06/13/25 10:00	06/18/25 13:51	2
Arsenic	3.97		2.98		mg/Kg		06/13/25 10:00	06/18/25 13:51	2
Barium	110		1.98		mg/Kg		06/13/25 10:00	06/18/25 13:51	2
Beryllium	ND		0.397		mg/Kg		06/13/25 10:00	06/18/25 13:51	2
Cadmium	1.90		0.397		mg/Kg		06/13/25 10:00	06/18/25 13:51	2
Chromium	30.3		0.992		mg/Kg		06/13/25 10:00	06/18/25 13:51	2
Cobalt	7.14		1.98		mg/Kg		06/13/25 10:00	06/18/25 13:51	2
Copper	28.7		1.98		mg/Kg		06/13/25 10:00	06/18/25 13:51	2
Lead	16.8		1.98		mg/Kg		06/13/25 10:00	06/18/25 13:51	2
Molybdenum	ND		3.97		mg/Kg		06/13/25 10:00	06/18/25 13:51	2
Nickel	14.8		1.98		mg/Kg		06/13/25 10:00	06/18/25 13:51	2
Selenium	ND		2.98		mg/Kg		06/13/25 10:00	06/18/25 13:51	2

Eurofins Calscience

Client Sample Results

Client: Ninyo & Moore
Project/Site: LARAP Pacific Palisades & Rustic Canyons

Job ID: 570-233498-1

Method: SW846 6010B - Metals (ICP) (Continued)

Client Sample ID: PP-6
Date Collected: 06/05/25 10:20
Date Received: 06/05/25 18:38

Lab Sample ID: 570-233498-12
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		1.98		mg/Kg		06/13/25 10:00	06/18/25 13:51	2
Thallium	ND		9.92		mg/Kg		06/13/25 10:00	06/18/25 13:51	2
Vanadium	32.3		3.97		mg/Kg		06/13/25 10:00	06/18/25 13:51	2
Zinc	108		3.97		mg/Kg		06/13/25 10:00	06/18/25 13:51	2
Lithium	ND		19.8		mg/Kg		06/13/25 10:00	06/18/25 13:51	2

Client Sample ID: GWPC-1
Date Collected: 06/05/25 11:20
Date Received: 06/05/25 18:38

Lab Sample ID: 570-233498-13
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		9.42		mg/Kg		06/13/25 10:00	06/18/25 13:53	2
Arsenic	6.72		2.82		mg/Kg		06/13/25 10:00	06/18/25 13:53	2
Barium	79.3		1.88		mg/Kg		06/13/25 10:00	06/18/25 13:53	2
Beryllium	ND		0.377		mg/Kg		06/13/25 10:00	06/18/25 13:53	2
Cadmium	2.03		0.377		mg/Kg		06/13/25 10:00	06/18/25 13:53	2
Chromium	25.1		0.942		mg/Kg		06/13/25 10:00	06/18/25 13:53	2
Cobalt	7.10		1.88		mg/Kg		06/13/25 10:00	06/18/25 13:53	2
Copper	24.2		1.88		mg/Kg		06/13/25 10:00	06/18/25 13:53	2
Lead	8.53		1.88		mg/Kg		06/13/25 10:00	06/18/25 13:53	2
Molybdenum	ND		3.77		mg/Kg		06/13/25 10:00	06/18/25 13:53	2
Nickel	21.8		1.88		mg/Kg		06/13/25 10:00	06/18/25 13:53	2
Selenium	ND		2.82		mg/Kg		06/13/25 10:00	06/18/25 13:53	2
Silver	ND		1.88		mg/Kg		06/13/25 10:00	06/18/25 13:53	2
Thallium	ND		9.42		mg/Kg		06/13/25 10:00	06/18/25 13:53	2
Vanadium	41.0		3.77		mg/Kg		06/13/25 10:00	06/18/25 13:53	2
Zinc	62.4		3.77		mg/Kg		06/13/25 10:00	06/18/25 13:53	2
Lithium	ND		18.8		mg/Kg		06/13/25 10:00	06/18/25 13:53	2

Client Sample ID: GWPC-2
Date Collected: 06/05/25 11:30
Date Received: 06/05/25 18:38

Lab Sample ID: 570-233498-14
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		9.71		mg/Kg		06/13/25 10:00	06/18/25 13:56	2
Arsenic	6.62		2.91		mg/Kg		06/13/25 10:00	06/18/25 13:56	2
Barium	78.0		1.94		mg/Kg		06/13/25 10:00	06/18/25 13:56	2
Beryllium	ND		0.389		mg/Kg		06/13/25 10:00	06/18/25 13:56	2
Cadmium	0.427		0.389		mg/Kg		06/13/25 10:00	06/18/25 13:56	2
Chromium	40.2		0.971		mg/Kg		06/13/25 10:00	06/18/25 13:56	2
Cobalt	11.9		1.94		mg/Kg		06/13/25 10:00	06/18/25 13:56	2
Copper	26.4		1.94		mg/Kg		06/13/25 10:00	06/18/25 13:56	2
Lead	9.56		1.94		mg/Kg		06/13/25 10:00	06/18/25 13:56	2
Molybdenum	ND		3.89		mg/Kg		06/13/25 10:00	06/18/25 13:56	2
Nickel	24.4		1.94		mg/Kg		06/13/25 10:00	06/18/25 13:56	2
Selenium	ND		2.91		mg/Kg		06/13/25 10:00	06/18/25 13:56	2
Silver	ND		1.94		mg/Kg		06/13/25 10:00	06/18/25 13:56	2
Thallium	ND		9.71		mg/Kg		06/13/25 10:00	06/18/25 13:56	2
Vanadium	57.7		3.89		mg/Kg		06/13/25 10:00	06/18/25 13:56	2
Zinc	69.1		3.89		mg/Kg		06/13/25 10:00	06/18/25 13:56	2
Lithium	23.9		19.4		mg/Kg		06/13/25 10:00	06/18/25 13:56	2

Eurofins Calscience

Client Sample Results

Client: Ninyo & Moore
Project/Site: LARAP Pacific Palisades & Rustic Canyons

Job ID: 570-233498-1

Method: SW846 6010B - Metals (ICP)

Client Sample ID: GWPC-3
Date Collected: 06/05/25 11:40
Date Received: 06/05/25 18:38

Lab Sample ID: 570-233498-15
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		9.31		mg/Kg		06/13/25 10:00	06/18/25 13:58	2
Arsenic	10.5		2.79		mg/Kg		06/13/25 10:00	06/18/25 13:58	2
Barium	108		1.86		mg/Kg		06/13/25 10:00	06/18/25 13:58	2
Beryllium	0.521		0.372		mg/Kg		06/13/25 10:00	06/18/25 13:58	2
Cadmium	0.782		0.372		mg/Kg		06/13/25 10:00	06/18/25 13:58	2
Chromium	34.5		0.931		mg/Kg		06/13/25 10:00	06/18/25 13:58	2
Cobalt	9.87		1.86		mg/Kg		06/13/25 10:00	06/18/25 13:58	2
Copper	25.5		1.86		mg/Kg		06/13/25 10:00	06/18/25 13:58	2
Lead	13.2		1.86		mg/Kg		06/13/25 10:00	06/18/25 13:58	2
Molybdenum	ND		3.72		mg/Kg		06/13/25 10:00	06/18/25 13:58	2
Nickel	27.2		1.86		mg/Kg		06/13/25 10:00	06/18/25 13:58	2
Selenium	ND		2.79		mg/Kg		06/13/25 10:00	06/18/25 13:58	2
Silver	ND		1.86		mg/Kg		06/13/25 10:00	06/18/25 13:58	2
Thallium	ND		9.31		mg/Kg		06/13/25 10:00	06/18/25 13:58	2
Vanadium	46.7		3.72		mg/Kg		06/13/25 10:00	06/18/25 13:58	2
Zinc	71.9		3.72		mg/Kg		06/13/25 10:00	06/18/25 13:58	2
Lithium	20.9		18.6		mg/Kg		06/13/25 10:00	06/18/25 13:58	2

Client Sample ID: GWPC-4
Date Collected: 06/05/25 11:50
Date Received: 06/05/25 18:38

Lab Sample ID: 570-233498-16
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		9.26		mg/Kg		06/13/25 10:00	06/18/25 14:01	2
Arsenic	8.98		2.78		mg/Kg		06/13/25 10:00	06/18/25 14:01	2
Barium	114		1.85		mg/Kg		06/13/25 10:00	06/18/25 14:01	2
Beryllium	0.463		0.370		mg/Kg		06/13/25 10:00	06/18/25 14:01	2
Cadmium	1.41		0.370		mg/Kg		06/13/25 10:00	06/18/25 14:01	2
Chromium	40.9		0.926		mg/Kg		06/13/25 10:00	06/18/25 14:01	2
Cobalt	7.91		1.85		mg/Kg		06/13/25 10:00	06/18/25 14:01	2
Copper	24.0		1.85		mg/Kg		06/13/25 10:00	06/18/25 14:01	2
Lead	20.0		1.85		mg/Kg		06/13/25 10:00	06/18/25 14:01	2
Molybdenum	ND		3.70		mg/Kg		06/13/25 10:00	06/18/25 14:01	2
Nickel	21.9		1.85		mg/Kg		06/13/25 10:00	06/18/25 14:01	2
Selenium	ND		2.78		mg/Kg		06/13/25 10:00	06/18/25 14:01	2
Silver	ND		1.85		mg/Kg		06/13/25 10:00	06/18/25 14:01	2
Thallium	ND		9.26		mg/Kg		06/13/25 10:00	06/18/25 14:01	2
Vanadium	45.0		3.70		mg/Kg		06/13/25 10:00	06/18/25 14:01	2
Zinc	64.3		3.70		mg/Kg		06/13/25 10:00	06/18/25 14:01	2
Lithium	ND		18.5		mg/Kg		06/13/25 10:00	06/18/25 14:01	2

Client Sample ID: VL0-1
Date Collected: 06/05/25 12:55
Date Received: 06/05/25 18:38

Lab Sample ID: 570-233498-17
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		9.82		mg/Kg		06/13/25 10:00	06/18/25 14:03	2
Arsenic	5.03		2.95		mg/Kg		06/13/25 10:00	06/18/25 14:03	2
Barium	85.8		1.96		mg/Kg		06/13/25 10:00	06/18/25 14:03	2
Beryllium	ND		0.393		mg/Kg		06/13/25 10:00	06/18/25 14:03	2
Cadmium	ND		0.393		mg/Kg		06/13/25 10:00	06/18/25 14:03	2
Chromium	21.3		0.982		mg/Kg		06/13/25 10:00	06/18/25 14:03	2

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Client Sample Results

Client: Ninyo & Moore
Project/Site: LARAP Pacific Palisades & Rustic Canyons

Job ID: 570-233498-1

Method: SW846 6010B - Metals (ICP) (Continued)

Client Sample ID: VL0-1

Date Collected: 06/05/25 12:55

Date Received: 06/05/25 18:38

Lab Sample ID: 570-233498-17

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	5.28		1.96		mg/Kg		06/13/25 10:00	06/18/25 14:03	2
Copper	18.9		1.96		mg/Kg		06/13/25 10:00	06/18/25 14:03	2
Lead	14.3		1.96		mg/Kg		06/13/25 10:00	06/18/25 14:03	2
Molybdenum	ND		3.93		mg/Kg		06/13/25 10:00	06/18/25 14:03	2
Nickel	13.7		1.96		mg/Kg		06/13/25 10:00	06/18/25 14:03	2
Selenium	ND		2.95		mg/Kg		06/13/25 10:00	06/18/25 14:03	2
Silver	ND		1.96		mg/Kg		06/13/25 10:00	06/18/25 14:03	2
Thallium	ND		9.82		mg/Kg		06/13/25 10:00	06/18/25 14:03	2
Vanadium	28.8		3.93		mg/Kg		06/13/25 10:00	06/18/25 14:03	2
Zinc	60.5		3.93		mg/Kg		06/13/25 10:00	06/18/25 14:03	2
Lithium	ND		19.6		mg/Kg		06/13/25 10:00	06/18/25 14:03	2

Client Sample ID: VL0-2

Date Collected: 06/05/25 12:50

Date Received: 06/05/25 18:38

Lab Sample ID: 570-233498-18

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		9.77		mg/Kg		06/13/25 10:00	06/18/25 14:05	2
Arsenic	4.32		2.93		mg/Kg		06/13/25 10:00	06/18/25 14:05	2
Barium	102		1.95		mg/Kg		06/13/25 10:00	06/18/25 14:05	2
Beryllium	ND		0.391		mg/Kg		06/13/25 10:00	06/18/25 14:05	2
Cadmium	ND		0.391		mg/Kg		06/13/25 10:00	06/18/25 14:05	2
Chromium	13.4		0.977		mg/Kg		06/13/25 10:00	06/18/25 14:05	2
Cobalt	5.35		1.95		mg/Kg		06/13/25 10:00	06/18/25 14:05	2
Copper	15.2		1.95		mg/Kg		06/13/25 10:00	06/18/25 14:05	2
Lead	11.1		1.95		mg/Kg		06/13/25 10:00	06/18/25 14:05	2
Molybdenum	ND		3.91		mg/Kg		06/13/25 10:00	06/18/25 14:05	2
Nickel	12.4		1.95		mg/Kg		06/13/25 10:00	06/18/25 14:05	2
Selenium	ND		2.93		mg/Kg		06/13/25 10:00	06/18/25 14:05	2
Silver	ND		1.95		mg/Kg		06/13/25 10:00	06/18/25 14:05	2
Thallium	ND		9.77		mg/Kg		06/13/25 10:00	06/18/25 14:05	2
Vanadium	30.2		3.91		mg/Kg		06/13/25 10:00	06/18/25 14:05	2
Zinc	64.6		3.91		mg/Kg		06/13/25 10:00	06/18/25 14:05	2
Lithium	ND		19.5		mg/Kg		06/13/25 10:00	06/18/25 14:05	2

Client Sample ID: TC-1

Date Collected: 06/05/25 13:35

Date Received: 06/05/25 18:38

Lab Sample ID: 570-233498-19

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		9.81		mg/Kg		06/13/25 10:00	06/18/25 14:07	2
Arsenic	6.65		2.94		mg/Kg		06/13/25 10:00	06/18/25 14:07	2
Barium	102		1.96		mg/Kg		06/13/25 10:00	06/18/25 14:07	2
Beryllium	ND		0.392		mg/Kg		06/13/25 10:00	06/18/25 14:07	2
Cadmium	0.824		0.392		mg/Kg		06/13/25 10:00	06/18/25 14:07	2
Chromium	25.8		0.981		mg/Kg		06/13/25 10:00	06/18/25 14:07	2
Cobalt	6.47		1.96		mg/Kg		06/13/25 10:00	06/18/25 14:07	2
Copper	26.1		1.96		mg/Kg		06/13/25 10:00	06/18/25 14:07	2
Lead	21.3		1.96		mg/Kg		06/13/25 10:00	06/18/25 14:07	2
Molybdenum	ND		3.92		mg/Kg		06/13/25 10:00	06/18/25 14:07	2
Nickel	18.8		1.96		mg/Kg		06/13/25 10:00	06/18/25 14:07	2
Selenium	ND		2.94		mg/Kg		06/13/25 10:00	06/18/25 14:07	2

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Client Sample Results

Client: Ninyo & Moore
Project/Site: LARAP Pacific Palisades & Rustic Canyons

Job ID: 570-233498-1

Method: SW846 6010B - Metals (ICP) (Continued)

Client Sample ID: TC-1

Date Collected: 06/05/25 13:35

Date Received: 06/05/25 18:38

Lab Sample ID: 570-233498-19

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		1.96		mg/Kg		06/13/25 10:00	06/18/25 14:07	2
Thallium	ND		9.81		mg/Kg		06/13/25 10:00	06/18/25 14:07	2
Vanadium	33.8		3.92		mg/Kg		06/13/25 10:00	06/18/25 14:07	2
Zinc	90.4		3.92		mg/Kg		06/13/25 10:00	06/18/25 14:07	2
Lithium	ND		19.6		mg/Kg		06/13/25 10:00	06/18/25 14:07	2

Client Sample ID: TC-2

Date Collected: 06/05/25 13:30

Date Received: 06/05/25 18:38

Lab Sample ID: 570-233498-20

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		9.73		mg/Kg		06/13/25 10:00	06/18/25 16:11	2
Arsenic	9.18		2.92		mg/Kg		06/13/25 10:00	06/18/25 16:11	2
Barium	135		1.95		mg/Kg		06/13/25 10:00	06/18/25 16:11	2
Beryllium	ND		0.389		mg/Kg		06/13/25 10:00	06/18/25 16:11	2
Cadmium	1.01		0.389		mg/Kg		06/13/25 10:00	06/18/25 16:11	2
Chromium	31.2		0.973		mg/Kg		06/13/25 10:00	06/18/25 16:11	2
Cobalt	8.85		1.95		mg/Kg		06/13/25 10:00	06/18/25 16:11	2
Copper	28.9		1.95		mg/Kg		06/13/25 10:00	06/18/25 16:11	2
Lead	14.1		1.95		mg/Kg		06/13/25 10:00	06/18/25 16:11	2
Molybdenum	ND		3.89		mg/Kg		06/13/25 10:00	06/18/25 16:11	2
Nickel	26.5		1.95		mg/Kg		06/13/25 10:00	06/18/25 16:11	2
Selenium	ND		2.92		mg/Kg		06/13/25 10:00	06/18/25 16:11	2
Silver	ND		1.95		mg/Kg		06/13/25 10:00	06/18/25 16:11	2
Thallium	ND		9.73		mg/Kg		06/13/25 10:00	06/18/25 16:11	2
Vanadium	47.9		3.89		mg/Kg		06/13/25 10:00	06/18/25 16:11	2
Zinc	94.0		3.89		mg/Kg		06/13/25 10:00	06/18/25 16:11	2
Lithium	22.1		19.5		mg/Kg		06/13/25 10:00	06/18/25 16:11	2

Client Sample ID: AV-1

Date Collected: 06/05/25 13:55

Date Received: 06/05/25 18:38

Lab Sample ID: 570-233498-21

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		9.97		mg/Kg		06/13/25 10:00	06/18/25 16:13	2
Arsenic	8.36		2.99		mg/Kg		06/13/25 10:00	06/18/25 16:13	2
Barium	168		1.99		mg/Kg		06/13/25 10:00	06/18/25 16:13	2
Beryllium	0.738		0.399		mg/Kg		06/13/25 10:00	06/18/25 16:13	2
Cadmium	0.399		0.399		mg/Kg		06/13/25 10:00	06/18/25 16:13	2
Chromium	27.6		0.997		mg/Kg		06/13/25 10:00	06/18/25 16:13	2
Cobalt	13.4		1.99		mg/Kg		06/13/25 10:00	06/18/25 16:13	2
Copper	15.9		1.99		mg/Kg		06/13/25 10:00	06/18/25 16:13	2
Lead	24.8		1.99		mg/Kg		06/13/25 10:00	06/18/25 16:13	2
Molybdenum	ND		3.99		mg/Kg		06/13/25 10:00	06/18/25 16:13	2
Nickel	21.9		1.99		mg/Kg		06/13/25 10:00	06/18/25 16:13	2
Selenium	ND		2.99		mg/Kg		06/13/25 10:00	06/18/25 16:13	2
Silver	ND		1.99		mg/Kg		06/13/25 10:00	06/18/25 16:13	2
Thallium	ND		9.97		mg/Kg		06/13/25 10:00	06/18/25 16:13	2
Vanadium	51.8		3.99		mg/Kg		06/13/25 10:00	06/18/25 16:13	2
Zinc	77.3		3.99		mg/Kg		06/13/25 10:00	06/18/25 16:13	2
Lithium	ND		19.9		mg/Kg		06/13/25 10:00	06/18/25 16:13	2

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Client Sample Results

Client: Ninyo & Moore
Project/Site: LARAP Pacific Palisades & Rustic Canyons

Job ID: 570-233498-1

Method: SW846 6010B - Metals (ICP)

Client Sample ID: AV-2

Date Collected: 06/05/25 13:55

Date Received: 06/05/25 18:38

Lab Sample ID: 570-233498-22

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		9.51		mg/Kg		06/13/25 10:00	06/18/25 16:16	2
Arsenic	8.45		2.85		mg/Kg		06/13/25 10:00	06/18/25 16:16	2
Barium	141		1.90		mg/Kg		06/13/25 10:00	06/18/25 16:16	2
Beryllium	0.571		0.380		mg/Kg		06/13/25 10:00	06/18/25 16:16	2
Cadmium	ND		0.380		mg/Kg		06/13/25 10:00	06/18/25 16:16	2
Chromium	25.7		0.951		mg/Kg		06/13/25 10:00	06/18/25 16:16	2
Cobalt	10.8		1.90		mg/Kg		06/13/25 10:00	06/18/25 16:16	2
Copper	21.2		1.90		mg/Kg		06/13/25 10:00	06/18/25 16:16	2
Lead	18.1		1.90		mg/Kg		06/13/25 10:00	06/18/25 16:16	2
Molybdenum	ND		3.80		mg/Kg		06/13/25 10:00	06/18/25 16:16	2
Nickel	19.1		1.90		mg/Kg		06/13/25 10:00	06/18/25 16:16	2
Selenium	ND		2.85		mg/Kg		06/13/25 10:00	06/18/25 16:16	2
Silver	ND		1.90		mg/Kg		06/13/25 10:00	06/18/25 16:16	2
Thallium	ND		9.51		mg/Kg		06/13/25 10:00	06/18/25 16:16	2
Vanadium	44.7		3.80		mg/Kg		06/13/25 10:00	06/18/25 16:16	2
Zinc	66.3		3.80		mg/Kg		06/13/25 10:00	06/18/25 16:16	2
Lithium	ND		19.0		mg/Kg		06/13/25 10:00	06/18/25 16:16	2

Client Sample Results

Client: Ninyo & Moore
Project/Site: LARAP Pacific Palisades & Rustic Canyons

Job ID: 570-233498-1

Method: SW846 7471A - Mercury (CVAA)

Client Sample ID: RC-1
Date Collected: 06/05/25 09:00
Date Received: 06/05/25 18:38

Lab Sample ID: 570-233498-1
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.198	F2 F1	0.0868		mg/Kg		06/11/25 09:09	06/11/25 13:03	1

Client Sample ID: RC-2
Date Collected: 06/05/25 09:10
Date Received: 06/05/25 18:38

Lab Sample ID: 570-233498-2
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0887		mg/Kg		06/11/25 09:09	06/11/25 13:13	1

Client Sample ID: RC-3
Date Collected: 06/05/25 08:50
Date Received: 06/05/25 18:38

Lab Sample ID: 570-233498-3
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0868		mg/Kg		06/11/25 09:09	06/12/25 08:41	1

Client Sample ID: RC-4
Date Collected: 06/05/25 09:20
Date Received: 06/05/25 18:38

Lab Sample ID: 570-233498-4
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0887		mg/Kg		06/11/25 09:09	06/11/25 13:22	1

Client Sample ID: RC-5
Date Collected: 06/05/25 08:40
Date Received: 06/05/25 18:38

Lab Sample ID: 570-233498-5
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.141		0.0887		mg/Kg		06/11/25 09:09	06/11/25 13:24	1

Client Sample ID: RC-6
Date Collected: 06/05/25 08:30
Date Received: 06/05/25 18:38

Lab Sample ID: 570-233498-6
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0817		mg/Kg		06/11/25 09:09	06/11/25 13:26	1

Client Sample ID: PP-1
Date Collected: 06/05/25 09:30
Date Received: 06/05/25 18:38

Lab Sample ID: 570-233498-7
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0817		mg/Kg		06/11/25 09:09	06/11/25 13:28	1

Client Sample ID: PP-2
Date Collected: 06/05/25 09:40
Date Received: 06/05/25 18:38

Lab Sample ID: 570-233498-8
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.105		0.0833		mg/Kg		06/11/25 09:09	06/11/25 13:30	1

Client Sample ID: PP-3
Date Collected: 06/05/25 10:00
Date Received: 06/05/25 18:38

Lab Sample ID: 570-233498-9
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0874		0.0817		mg/Kg		06/11/25 09:09	06/11/25 13:31	1

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Client Sample Results

Client: Ninyo & Moore
Project/Site: LARAP Pacific Palisades & Rustic Canyons

Job ID: 570-233498-1

Method: SW846 7471A - Mercury (CVAA)

Client Sample ID: PP-4
Date Collected: 06/05/25 09:50
Date Received: 06/05/25 18:38

Lab Sample ID: 570-233498-10
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.120		0.0887		mg/Kg		06/11/25 09:09	06/11/25 13:33	1

Client Sample ID: PP-5
Date Collected: 06/05/25 10:10
Date Received: 06/05/25 18:38

Lab Sample ID: 570-233498-11
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0868		mg/Kg		06/11/25 09:09	06/11/25 13:35	1

Client Sample ID: PP-6
Date Collected: 06/05/25 10:20
Date Received: 06/05/25 18:38

Lab Sample ID: 570-233498-12
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.101		0.0833		mg/Kg		06/11/25 09:09	06/11/25 13:37	1

Client Sample ID: GWPC-1
Date Collected: 06/05/25 11:20
Date Received: 06/05/25 18:38

Lab Sample ID: 570-233498-13
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0887		mg/Kg		06/11/25 09:09	06/12/25 08:18	1

Client Sample ID: GWPC-2
Date Collected: 06/05/25 11:30
Date Received: 06/05/25 18:38

Lab Sample ID: 570-233498-14
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0817		mg/Kg		06/11/25 09:09	06/12/25 08:20	1

Client Sample ID: GWPC-3
Date Collected: 06/05/25 11:40
Date Received: 06/05/25 18:38

Lab Sample ID: 570-233498-15
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.141		0.0887		mg/Kg		06/11/25 09:09	06/12/25 08:22	1

Client Sample ID: GWPC-4
Date Collected: 06/05/25 11:50
Date Received: 06/05/25 18:38

Lab Sample ID: 570-233498-16
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0850		mg/Kg		06/11/25 09:09	06/12/25 08:24	1

Client Sample ID: VL0-1
Date Collected: 06/05/25 12:55
Date Received: 06/05/25 18:38

Lab Sample ID: 570-233498-17
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0801		mg/Kg		06/11/25 09:09	06/12/25 08:31	1

Client Sample ID: VL0-2
Date Collected: 06/05/25 12:50
Date Received: 06/05/25 18:38

Lab Sample ID: 570-233498-18
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0850		mg/Kg		06/11/25 09:09	06/12/25 08:37	1

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Client Sample Results

Client: Ninyo & Moore
Project/Site: LARAP Pacific Palisades & Rustic Canyons

Job ID: 570-233498-1

Method: SW846 7471A - Mercury (CVAA)

Client Sample ID: TC-1
Date Collected: 06/05/25 13:35
Date Received: 06/05/25 18:38

Lab Sample ID: 570-233498-19
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0801		mg/Kg		06/11/25 09:09	06/12/25 08:35	1

Client Sample ID: TC-2
Date Collected: 06/05/25 13:30
Date Received: 06/05/25 18:38

Lab Sample ID: 570-233498-20
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0786		mg/Kg		06/11/25 09:09	06/12/25 08:39	1

Client Sample ID: AV-1
Date Collected: 06/05/25 13:55
Date Received: 06/05/25 18:38

Lab Sample ID: 570-233498-21
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.308		0.0887		mg/Kg		06/11/25 06:51	06/11/25 09:27	1

Client Sample ID: AV-2
Date Collected: 06/05/25 13:55
Date Received: 06/05/25 18:38

Lab Sample ID: 570-233498-22
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0953		0.0887		mg/Kg		06/11/25 06:51	06/11/25 09:29	1

Surrogate Summary

Client: Ninyo & Moore
Project/Site: LARAP Pacific Palisades & Rustic Canyons

Job ID: 570-233498-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCA (32-179)	BFB (80-120)	DBFM (58-147)	TOL (80-120)
570-233498-1	RC-1	115	102	104	99
570-233498-2	RC-2	131	96	116	101
570-233498-3	RC-3	117	102	106	99
570-233498-4	RC-4	133	99	117	101
570-233498-5	RC-5	121	99	107	96
570-233498-6	RC-6	118	102	107	99
570-233498-7	PP-1	124	96	107	100
570-233498-8	PP-2	124	99	111	100
570-233498-9	PP-3	112	103	100	100
570-233498-10	PP-4	108	84	100	96
570-233498-11	PP-5	112	91	103	98
570-233498-12	PP-6	119	101	108	100
570-233498-13	GWPC-1	122	104	108	100
570-233498-14	GWPC-2	121	104	106	99
570-233498-15	GWPC-3	111	97	100	99
570-233498-16	GWPC-4	121	102	107	100
570-233498-17	VL0-1	114	97	103	99
570-233498-18	VL0-2	118	102	106	99
570-233498-19	TC-1	120	102	106	98
570-233498-20	TC-2	123	98	112	101
570-233498-21	AV-1	119	104	106	101
570-233498-22	AV-2	123	100	110	100
570-233803-A-38-B MS	Matrix Spike	111	106	106	101
570-233803-A-38-C MSD	Matrix Spike Duplicate	111	105	104	101
570-233986-A-6-A MS	Matrix Spike	115	109	107	100
570-233986-A-6-B MSD	Matrix Spike Duplicate	112	108	105	103
LCS 570-581594/3	Lab Control Sample	101	102	98	99
LCS 570-581820/4	Lab Control Sample	102	97	99	102
LCS 570-582439/5	Lab Control Sample	109	110	103	102
LCS 570-583296/1-A	Lab Control Sample	113	109	106	102
LCSD 570-581594/4	Lab Control Sample Dup	104	101	99	100
LCSD 570-581820/5	Lab Control Sample Dup	101	97	98	100
LCSD 570-582439/7	Lab Control Sample Dup	110	109	105	102
LCSD 570-583296/2-A	Lab Control Sample Dup	113	110	108	101
MB 570-581594/6	Method Blank	102	100	100	98
MB 570-581820/6	Method Blank	101	100	99	100
MB 570-582439/9	Method Blank	116	100	105	99
MB 570-583296/3-A	Method Blank	120	102	108	99

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Surrogate Summary

Client: Ninyo & Moore

Job ID: 570-233498-1

Project/Site: LARAP Pacific Palisades & Rustic Canyons

Method: 8270C SIM - PAHs (GC/MS SIM)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		FBP (22-130)	NBZ (20-145)	TPHd14 (33-147)
570-233498-1	RC-1	81	85	92
570-233498-1 MS	RC-1	82	75	85
570-233498-1 MSD	RC-1	84	77	89
570-233498-2	RC-2	87	90	93
570-233498-3	RC-3	86	91	91
570-233498-4	RC-4	86	90	93
570-233498-5	RC-5	88	92	95
570-233498-6	RC-6	93	99	103
570-233498-7	PP-1	86	84	93
570-233498-8	PP-2	85	93	93
570-233498-9	PP-3	85	90	94
570-233498-10	PP-4	63	63	71
570-233498-11	PP-5	70	79	87
570-233498-12	PP-6	82	82	93
570-233498-13	GWPC-1	91	97	101
570-233498-14	GWPC-2	86	95	96
570-233498-15	GWPC-3	89	94	98
570-233498-16	GWPC-4	85	88	90
570-233498-17	VL0-1	94	102	101
570-233498-18	VL0-2	81	83	90
570-233498-19	TC-1	87	89	92
570-233498-20	TC-2	92	89	96
570-233498-21	AV-1	90	85	93
570-233498-21 MS	AV-1	96	88	95
570-233498-21 MSD	AV-1	87	81	90
570-233498-22	AV-2	85	81	92
LCS 570-583699/2-A	Lab Control Sample	93	85	94
LCS 570-583713/2-A	Lab Control Sample	94	90	99
LCSD 570-583699/3-A	Lab Control Sample Dup	88	84	91
LCSD 570-583713/3-A	Lab Control Sample Dup	102	92	101
MB 570-583699/1-A	Method Blank	88	93	97
MB 570-583713/1-A	Method Blank	97	93	98

Surrogate Legend

FBP = 2-Fluorobiphenyl (Surr)

NBZ = Nitrobenzene-d5 (Surr)

TPHd14 = p-Terphenyl-d14 (Surr)

QC Sample Results

Client: Ninyo & Moore
Project/Site: LARAP Pacific Palisades & Rustic Canyons

Job ID: 570-233498-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 570-581594/6

Matrix: Solid

Analysis Batch: 581594

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0		ug/Kg			06/09/25 21:30	1
1,1,1-Trichloroethane	ND		1.0		ug/Kg			06/09/25 21:30	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/Kg			06/09/25 21:30	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10		ug/Kg			06/09/25 21:30	1
1,1,2-Trichloroethane	ND		1.0		ug/Kg			06/09/25 21:30	1
1,1-Dichloroethane	ND		1.0		ug/Kg			06/09/25 21:30	1
1,1-Dichloroethene	ND		1.0		ug/Kg			06/09/25 21:30	1
1,1-Dichloropropene	ND		2.0		ug/Kg			06/09/25 21:30	1
1,2,3-Trichlorobenzene	ND		2.0		ug/Kg			06/09/25 21:30	1
1,2,3-Trichloropropane	ND		2.0		ug/Kg			06/09/25 21:30	1
1,2,4-Trichlorobenzene	ND		2.0		ug/Kg			06/09/25 21:30	1
1,2,4-Trimethylbenzene	ND		2.0		ug/Kg			06/09/25 21:30	1
1,2-Dibromo-3-Chloropropane	ND		10		ug/Kg			06/09/25 21:30	1
1,2-Dibromoethane	ND		1.0		ug/Kg			06/09/25 21:30	1
1,2-Dichlorobenzene	ND		1.0		ug/Kg			06/09/25 21:30	1
1,2-Dichloroethane	ND		1.0		ug/Kg			06/09/25 21:30	1
1,2-Dichloropropane	ND		1.0		ug/Kg			06/09/25 21:30	1
1,3,5-Trimethylbenzene	ND		2.0		ug/Kg			06/09/25 21:30	1
1,3-Dichlorobenzene	ND		1.0		ug/Kg			06/09/25 21:30	1
1,3-Dichloropropane	ND		1.0		ug/Kg			06/09/25 21:30	1
1,4-Dichlorobenzene	ND		1.0		ug/Kg			06/09/25 21:30	1
2,2-Dichloropropane	ND		5.0		ug/Kg			06/09/25 21:30	1
2-Butanone (MEK)	ND		20		ug/Kg			06/09/25 21:30	1
2-Chlorotoluene	ND		1.0		ug/Kg			06/09/25 21:30	1
2-Hexanone	ND		20		ug/Kg			06/09/25 21:30	1
4-Chlorotoluene	ND		1.0		ug/Kg			06/09/25 21:30	1
4-Methyl-2-pentanone (MIBK)	ND		20		ug/Kg			06/09/25 21:30	1
Acetone	ND		20		ug/Kg			06/09/25 21:30	1
Benzene	ND		1.0		ug/Kg			06/09/25 21:30	1
Bromobenzene	ND		1.0		ug/Kg			06/09/25 21:30	1
Bromochloromethane	ND		2.0		ug/Kg			06/09/25 21:30	1
Bromodichloromethane	ND		1.0		ug/Kg			06/09/25 21:30	1
Bromoform	ND		5.0		ug/Kg			06/09/25 21:30	1
Bromomethane	ND		20		ug/Kg			06/09/25 21:30	1
cis-1,2-Dichloroethene	ND		1.0		ug/Kg			06/09/25 21:30	1
cis-1,3-Dichloropropene	ND		1.0		ug/Kg			06/09/25 21:30	1
Carbon disulfide	ND		10		ug/Kg			06/09/25 21:30	1
Carbon tetrachloride	ND		1.0		ug/Kg			06/09/25 21:30	1
Chlorobenzene	ND		1.0		ug/Kg			06/09/25 21:30	1
Chloroethane	ND		2.0		ug/Kg			06/09/25 21:30	1
Chloroform	ND		1.0		ug/Kg			06/09/25 21:30	1
Chloromethane	ND		20		ug/Kg			06/09/25 21:30	1
Dibromochloromethane	ND		2.0		ug/Kg			06/09/25 21:30	1
Dibromomethane	ND		1.0		ug/Kg			06/09/25 21:30	1
Dichlorodifluoromethane	ND		2.0		ug/Kg			06/09/25 21:30	1
Di-isopropyl ether (DIPE)	ND		1.0		ug/Kg			06/09/25 21:30	1
Ethanol	ND		250		ug/Kg			06/09/25 21:30	1
Ethylbenzene	ND		1.0		ug/Kg			06/09/25 21:30	1

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QC Sample Results

Client: Ninyo & Moore
Project/Site: LARAP Pacific Palisades & Rustic Canyons

Job ID: 570-233498-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-581594/6

Matrix: Solid

Analysis Batch: 581594

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethyl-t-butyl ether (ETBE)	ND		1.0		ug/Kg			06/09/25 21:30	1
Isopropylbenzene	ND		1.0		ug/Kg			06/09/25 21:30	1
Methylene Chloride	ND		10		ug/Kg			06/09/25 21:30	1
Methyl-t-Butyl Ether (MTBE)	ND		2.0		ug/Kg			06/09/25 21:30	1
Naphthalene	ND		10		ug/Kg			06/09/25 21:30	1
n-Butylbenzene	ND		1.0		ug/Kg			06/09/25 21:30	1
N-Propylbenzene	ND		2.0		ug/Kg			06/09/25 21:30	1
o-Xylene	ND		1.0		ug/Kg			06/09/25 21:30	1
m,p-Xylene	ND		2.0		ug/Kg			06/09/25 21:30	1
p-Isopropyltoluene	ND		1.0		ug/Kg			06/09/25 21:30	1
sec-Butylbenzene	ND		1.0		ug/Kg			06/09/25 21:30	1
Styrene	ND		1.0		ug/Kg			06/09/25 21:30	1
trans-1,2-Dichloroethene	ND		1.0		ug/Kg			06/09/25 21:30	1
trans-1,3-Dichloropropene	ND		2.0		ug/Kg			06/09/25 21:30	1
Tert-amyl-methyl ether (TAME)	ND		1.0		ug/Kg			06/09/25 21:30	1
tert-Butyl alcohol (TBA)	ND		20		ug/Kg			06/09/25 21:30	1
tert-Butylbenzene	ND		1.0		ug/Kg			06/09/25 21:30	1
Tetrachloroethene	ND		1.0		ug/Kg			06/09/25 21:30	1
Toluene	ND		1.0		ug/Kg			06/09/25 21:30	1
Trichloroethene	ND		2.0		ug/Kg			06/09/25 21:30	1
Trichlorofluoromethane	ND		10		ug/Kg			06/09/25 21:30	1
Vinyl acetate	ND		10		ug/Kg			06/09/25 21:30	1
Vinyl chloride	ND		1.0		ug/Kg			06/09/25 21:30	1
Xylenes, Total	ND		2.0		ug/Kg			06/09/25 21:30	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		32 - 179		06/09/25 21:30	1
4-Bromofluorobenzene (Surr)	100		80 - 120		06/09/25 21:30	1
Dibromofluoromethane (Surr)	100		58 - 147		06/09/25 21:30	1
Toluene-d8 (Surr)	98		80 - 120		06/09/25 21:30	1

Lab Sample ID: LCS 570-581594/3

Matrix: Solid

Analysis Batch: 581594

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	20.0	22.19		ug/Kg		111	80 - 125
1,1,1-Trichloroethane	20.0	20.72		ug/Kg		104	78 - 130
1,1,2,2-Tetrachloroethane	20.0	21.92		ug/Kg		110	80 - 124
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	20.12		ug/Kg		101	73 - 130
1,1,2-Trichloroethane	20.0	21.93		ug/Kg		110	80 - 123
1,1-Dichloroethane	20.0	20.26		ug/Kg		101	79 - 124
1,1-Dichloroethene	20.0	19.73		ug/Kg		99	74 - 132
1,1-Dichloropropene	20.0	20.81		ug/Kg		104	78 - 130
1,2,3-Trichlorobenzene	20.0	21.85		ug/Kg		109	80 - 123
1,2,3-Trichloropropane	20.0	21.44		ug/Kg		107	79 - 120
1,2,4-Trichlorobenzene	20.0	21.46		ug/Kg		107	80 - 125
1,2,4-Trimethylbenzene	20.0	20.62		ug/Kg		103	80 - 124

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QC Sample Results

Client: Ninyo & Moore
Project/Site: LARAP Pacific Palisades & Rustic Canyons

Job ID: 570-233498-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-581594/3

Matrix: Solid

Analysis Batch: 581594

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2-Dibromo-3-Chloropropane	20.0	20.90		ug/Kg		105	67 - 120
1,2-Dibromoethane	20.0	21.09		ug/Kg		105	80 - 120
1,2-Dichlorobenzene	20.0	21.04		ug/Kg		105	80 - 120
1,2-Dichloroethane	20.0	20.56		ug/Kg		103	77 - 120
1,2-Dichloropropane	20.0	21.04		ug/Kg		105	80 - 126
1,3,5-Trimethylbenzene	20.0	20.61		ug/Kg		103	80 - 121
1,3-Dichlorobenzene	20.0	20.53		ug/Kg		103	80 - 120
1,3-Dichloropropane	20.0	21.26		ug/Kg		106	80 - 120
1,4-Dichlorobenzene	20.0	20.78		ug/Kg		104	80 - 120
2,2-Dichloropropane	20.0	21.81		ug/Kg		109	73 - 135
2-Butanone (MEK)	20.0	22.87		ug/Kg		114	67 - 136
2-Chlorotoluene	20.0	20.05		ug/Kg		100	80 - 120
2-Hexanone	20.0	22.28		ug/Kg		111	70 - 137
4-Chlorotoluene	20.0	20.41		ug/Kg		102	80 - 121
4-Methyl-2-pentanone (MIBK)	20.0	20.84		ug/Kg		104	74 - 124
Acetone	20.0	19.35	J	ug/Kg		97	61 - 142
Benzene	20.0	19.84		ug/Kg		99	80 - 120
Bromobenzene	20.0	20.94		ug/Kg		105	80 - 120
Bromochloromethane	20.0	21.52		ug/Kg		108	80 - 120
Bromodichloromethane	20.0	21.92		ug/Kg		110	80 - 125
Bromoform	20.0	23.56		ug/Kg		118	74 - 138
Bromomethane	20.0	21.36		ug/Kg		107	58 - 136
cis-1,2-Dichloroethene	20.0	19.92		ug/Kg		100	80 - 124
cis-1,3-Dichloropropene	20.0	22.50		ug/Kg		112	80 - 123
Carbon disulfide	20.0	18.41		ug/Kg		92	68 - 128
Carbon tetrachloride	20.0	22.22		ug/Kg		111	75 - 140
Chlorobenzene	20.0	21.31		ug/Kg		107	80 - 120
Chloroethane	20.0	21.21		ug/Kg		106	76 - 137
Chloroform	20.0	20.01		ug/Kg		100	80 - 121
Chloromethane	20.0	19.67	J	ug/Kg		98	74 - 133
Dibromochloromethane	20.0	21.93		ug/Kg		110	80 - 132
Dibromomethane	20.0	21.47		ug/Kg		107	80 - 120
Dichlorodifluoromethane	20.0	19.40		ug/Kg		97	63 - 146
Di-isopropyl ether (DIPE)	20.0	22.68		ug/Kg		113	73 - 132
Ethanol	200	221.4	J	ug/Kg		111	46 - 159
Ethylbenzene	20.0	20.44		ug/Kg		102	80 - 120
Ethyl-t-butyl ether (ETBE)	20.0	19.48		ug/Kg		97	77 - 129
Isopropylbenzene	20.0	20.06		ug/Kg		100	80 - 122
Methylene Chloride	20.0	18.77		ug/Kg		94	74 - 120
Methyl-t-Butyl Ether (MTBE)	20.0	21.45		ug/Kg		107	79 - 123
Naphthalene	20.0	19.86		ug/Kg		99	79 - 121
n-Butylbenzene	20.0	20.54		ug/Kg		103	79 - 131
N-Propylbenzene	20.0	20.29		ug/Kg		101	80 - 122
o-Xylene	20.0	20.62		ug/Kg		103	80 - 120
m,p-Xylene	40.0	41.12		ug/Kg		103	80 - 120
p-Isopropyltoluene	20.0	21.19		ug/Kg		106	80 - 126
sec-Butylbenzene	20.0	20.16		ug/Kg		101	80 - 125
Styrene	20.0	20.70		ug/Kg		104	80 - 120
trans-1,2-Dichloroethene	20.0	21.26		ug/Kg		106	75 - 123

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QC Sample Results

Client: Ninyo & Moore
Project/Site: LARAP Pacific Palisades & Rustic Canyons

Job ID: 570-233498-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-581594/3

Matrix: Solid

Analysis Batch: 581594

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
trans-1,3-Dichloropropene	20.0	24.50		ug/Kg		123	80 - 124
Tert-amyl-methyl ether (TAME)	20.0	21.27		ug/Kg		106	80 - 120
tert-Butyl alcohol (TBA)	100	106.3		ug/Kg		106	74 - 123
tert-Butylbenzene	20.0	20.40		ug/Kg		102	80 - 124
Tetrachloroethene	20.0	20.70		ug/Kg		104	80 - 122
Toluene	20.0	19.37		ug/Kg		97	80 - 120
Trichloroethene	20.0	20.44		ug/Kg		102	80 - 127
Trichlorofluoromethane	20.0	23.50		ug/Kg		117	70 - 144
Vinyl acetate	20.0	19.37		ug/Kg		97	71 - 125
Vinyl chloride	20.0	19.62		ug/Kg		98	79 - 133

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	101		32 - 179
4-Bromofluorobenzene (Surr)	102		80 - 120
Dibromofluoromethane (Surr)	98		58 - 147
Toluene-d8 (Surr)	99		80 - 120

Lab Sample ID: LCSD 570-581594/4

Matrix: Solid

Analysis Batch: 581594

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	20.0	21.45		ug/Kg		107	80 - 125	3	20
1,1,1-Trichloroethane	20.0	20.41		ug/Kg		102	78 - 130	2	20
1,1,2,2-Tetrachloroethane	20.0	20.98		ug/Kg		105	80 - 124	4	20
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	20.19		ug/Kg		101	73 - 130	0	20
1,1,2-Trichloroethane	20.0	21.13		ug/Kg		106	80 - 123	4	20
1,1-Dichloroethane	20.0	20.40		ug/Kg		102	79 - 124	1	20
1,1-Dichloroethene	20.0	19.54		ug/Kg		98	74 - 132	1	20
1,1-Dichloropropene	20.0	20.73		ug/Kg		104	78 - 130	0	20
1,2,3-Trichlorobenzene	20.0	21.56		ug/Kg		108	80 - 123	1	20
1,2,3-Trichloropropane	20.0	20.77		ug/Kg		104	79 - 120	3	20
1,2,4-Trichlorobenzene	20.0	21.90		ug/Kg		110	80 - 125	2	20
1,2,4-Trimethylbenzene	20.0	20.00		ug/Kg		100	80 - 124	3	20
1,2-Dibromo-3-Chloropropane	20.0	20.83		ug/Kg		104	67 - 120	0	20
1,2-Dibromoethane	20.0	20.98		ug/Kg		105	80 - 120	1	20
1,2-Dichlorobenzene	20.0	20.80		ug/Kg		104	80 - 120	1	20
1,2-Dichloroethane	20.0	20.10		ug/Kg		100	77 - 120	2	20
1,2-Dichloropropane	20.0	20.79		ug/Kg		104	80 - 126	1	20
1,3,5-Trimethylbenzene	20.0	20.25		ug/Kg		101	80 - 121	2	20
1,3-Dichlorobenzene	20.0	20.34		ug/Kg		102	80 - 120	1	20
1,3-Dichloropropane	20.0	20.88		ug/Kg		104	80 - 120	2	20
1,4-Dichlorobenzene	20.0	19.91		ug/Kg		100	80 - 120	4	20
2,2-Dichloropropane	20.0	21.85		ug/Kg		109	73 - 135	0	20
2-Butanone (MEK)	20.0	23.06		ug/Kg		115	67 - 136	1	20
2-Chlorotoluene	20.0	19.53		ug/Kg		98	80 - 120	3	20
2-Hexanone	20.0	25.22		ug/Kg		126	70 - 137	12	20
4-Chlorotoluene	20.0	19.82		ug/Kg		99	80 - 121	3	20

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QC Sample Results

Client: Ninyo & Moore
Project/Site: LARAP Pacific Palisades & Rustic Canyons

Job ID: 570-233498-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-581594/4

Matrix: Solid

Analysis Batch: 581594

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
4-Methyl-2-pentanone (MIBK)	20.0	18.60	J	ug/Kg		93	74 - 124	11	20
Acetone	20.0	21.14		ug/Kg		106	61 - 142	9	23
Benzene	20.0	19.84		ug/Kg		99	80 - 120	0	20
Bromobenzene	20.0	20.99		ug/Kg		105	80 - 120	0	20
Bromochloromethane	20.0	20.59		ug/Kg		103	80 - 120	4	20
Bromodichloromethane	20.0	22.06		ug/Kg		110	80 - 125	1	20
Bromoform	20.0	22.97		ug/Kg		115	74 - 138	3	20
Bromomethane	20.0	20.15		ug/Kg		101	58 - 136	6	20
cis-1,2-Dichloroethene	20.0	19.62		ug/Kg		98	80 - 124	2	20
cis-1,3-Dichloropropene	20.0	22.22		ug/Kg		111	80 - 123	1	20
Carbon disulfide	20.0	18.20		ug/Kg		91	68 - 128	1	20
Carbon tetrachloride	20.0	21.68		ug/Kg		108	75 - 140	2	20
Chlorobenzene	20.0	20.86		ug/Kg		104	80 - 120	2	20
Chloroethane	20.0	20.18		ug/Kg		101	76 - 137	5	20
Chloroform	20.0	20.12		ug/Kg		101	80 - 121	1	20
Chloromethane	20.0	18.52	J	ug/Kg		93	74 - 133	6	20
Dibromochloromethane	20.0	21.84		ug/Kg		109	80 - 132	0	20
Dibromomethane	20.0	21.32		ug/Kg		107	80 - 120	1	20
Dichlorodifluoromethane	20.0	18.43		ug/Kg		92	63 - 146	5	20
Di-isopropyl ether (DIPE)	20.0	22.56		ug/Kg		113	73 - 132	1	20
Ethanol	200	253.9		ug/Kg		127	46 - 159	14	30
Ethylbenzene	20.0	19.89		ug/Kg		99	80 - 120	3	20
Ethyl-t-butyl ether (ETBE)	20.0	19.25		ug/Kg		96	77 - 129	1	20
Isopropylbenzene	20.0	19.74		ug/Kg		99	80 - 122	2	20
Methylene Chloride	20.0	19.57		ug/Kg		98	74 - 120	4	20
Methyl-t-Butyl Ether (MTBE)	20.0	21.11		ug/Kg		106	79 - 123	2	20
Naphthalene	20.0	19.53		ug/Kg		98	79 - 121	2	20
n-Butylbenzene	20.0	20.01		ug/Kg		100	79 - 131	3	20
N-Propylbenzene	20.0	19.93		ug/Kg		100	80 - 122	2	20
o-Xylene	20.0	20.29		ug/Kg		101	80 - 120	2	20
m,p-Xylene	40.0	40.22		ug/Kg		101	80 - 120	2	20
p-Isopropyltoluene	20.0	20.98		ug/Kg		105	80 - 126	1	20
sec-Butylbenzene	20.0	19.71		ug/Kg		99	80 - 125	2	20
Styrene	20.0	20.61		ug/Kg		103	80 - 120	0	20
trans-1,2-Dichloroethene	20.0	21.41		ug/Kg		107	75 - 123	1	20
trans-1,3-Dichloropropene	20.0	24.09		ug/Kg		120	80 - 124	2	20
Tert-amyl-methyl ether (TAME)	20.0	21.29		ug/Kg		106	80 - 120	0	20
tert-Butyl alcohol (TBA)	100	102.7		ug/Kg		103	74 - 123	3	20
tert-Butylbenzene	20.0	20.08		ug/Kg		100	80 - 124	2	20
Tetrachloroethene	20.0	20.42		ug/Kg		102	80 - 122	1	20
Toluene	20.0	19.30		ug/Kg		97	80 - 120	0	20
Trichloroethene	20.0	20.15		ug/Kg		101	80 - 127	1	20
Trichlorofluoromethane	20.0	22.23		ug/Kg		111	70 - 144	6	20
Vinyl acetate	20.0	18.62		ug/Kg		93	71 - 125	4	20
Vinyl chloride	20.0	19.20		ug/Kg		96	79 - 133	2	20

Surrogate	LCSD %Recovery	LCSD Qualifier	LCSD Limits
1,2-Dichloroethane-d4 (Surr)	104		32 - 179

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QC Sample Results

Client: Ninyo & Moore
Project/Site: LARAP Pacific Palisades & Rustic Canyons

Job ID: 570-233498-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-581594/4

Matrix: Solid

Analysis Batch: 581594

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		80 - 120
Dibromofluoromethane (Surr)	99		58 - 147
Toluene-d8 (Surr)	100		80 - 120

Lab Sample ID: MB 570-581820/6

Matrix: Solid

Analysis Batch: 581820

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0		ug/Kg			06/10/25 10:30	1
1,1,1-Trichloroethane	ND		1.0		ug/Kg			06/10/25 10:30	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/Kg			06/10/25 10:30	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10		ug/Kg			06/10/25 10:30	1
1,1,2-Trichloroethane	ND		1.0		ug/Kg			06/10/25 10:30	1
1,1-Dichloroethane	ND		1.0		ug/Kg			06/10/25 10:30	1
1,1-Dichloroethene	ND		1.0		ug/Kg			06/10/25 10:30	1
1,1-Dichloropropene	ND		2.0		ug/Kg			06/10/25 10:30	1
1,2,3-Trichlorobenzene	ND		2.0		ug/Kg			06/10/25 10:30	1
1,2,3-Trichloropropane	ND		2.0		ug/Kg			06/10/25 10:30	1
1,2,4-Trichlorobenzene	ND		2.0		ug/Kg			06/10/25 10:30	1
1,2,4-Trimethylbenzene	ND		2.0		ug/Kg			06/10/25 10:30	1
1,2-Dibromo-3-Chloropropane	ND		10		ug/Kg			06/10/25 10:30	1
1,2-Dibromoethane	ND		1.0		ug/Kg			06/10/25 10:30	1
1,2-Dichlorobenzene	ND		1.0		ug/Kg			06/10/25 10:30	1
1,2-Dichloroethane	ND		1.0		ug/Kg			06/10/25 10:30	1
1,2-Dichloropropane	ND		1.0		ug/Kg			06/10/25 10:30	1
1,3,5-Trimethylbenzene	ND		2.0		ug/Kg			06/10/25 10:30	1
1,3-Dichlorobenzene	ND		1.0		ug/Kg			06/10/25 10:30	1
1,3-Dichloropropane	ND		1.0		ug/Kg			06/10/25 10:30	1
1,4-Dichlorobenzene	ND		1.0		ug/Kg			06/10/25 10:30	1
2,2-Dichloropropane	ND		5.0		ug/Kg			06/10/25 10:30	1
2-Butanone (MEK)	ND		20		ug/Kg			06/10/25 10:30	1
2-Chlorotoluene	ND		1.0		ug/Kg			06/10/25 10:30	1
2-Hexanone	ND		20		ug/Kg			06/10/25 10:30	1
4-Chlorotoluene	ND		1.0		ug/Kg			06/10/25 10:30	1
4-Methyl-2-pentanone (MIBK)	ND		20		ug/Kg			06/10/25 10:30	1
Acetone	ND		20		ug/Kg			06/10/25 10:30	1
Benzene	ND		1.0		ug/Kg			06/10/25 10:30	1
Bromobenzene	ND		1.0		ug/Kg			06/10/25 10:30	1
Bromochloromethane	ND		2.0		ug/Kg			06/10/25 10:30	1
Bromodichloromethane	ND		1.0		ug/Kg			06/10/25 10:30	1
Bromoform	ND		5.0		ug/Kg			06/10/25 10:30	1
Bromomethane	ND		20		ug/Kg			06/10/25 10:30	1
cis-1,2-Dichloroethene	ND		1.0		ug/Kg			06/10/25 10:30	1
cis-1,3-Dichloropropene	ND		1.0		ug/Kg			06/10/25 10:30	1
Carbon disulfide	ND		10		ug/Kg			06/10/25 10:30	1
Carbon tetrachloride	ND		1.0		ug/Kg			06/10/25 10:30	1
Chlorobenzene	ND		1.0		ug/Kg			06/10/25 10:30	1

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QC Sample Results

Client: Ninyo & Moore
Project/Site: LARAP Pacific Palisades & Rustic Canyons

Job ID: 570-233498-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-581820/6

Matrix: Solid

Analysis Batch: 581820

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroethane	ND		2.0		ug/Kg			06/10/25 10:30	1
Chloroform	ND		1.0		ug/Kg			06/10/25 10:30	1
Chloromethane	ND		20		ug/Kg			06/10/25 10:30	1
Dibromochloromethane	ND		2.0		ug/Kg			06/10/25 10:30	1
Dibromomethane	ND		1.0		ug/Kg			06/10/25 10:30	1
Dichlorodifluoromethane	ND		2.0		ug/Kg			06/10/25 10:30	1
Di-isopropyl ether (DIPE)	ND		1.0		ug/Kg			06/10/25 10:30	1
Ethanol	ND		250		ug/Kg			06/10/25 10:30	1
Ethylbenzene	ND		1.0		ug/Kg			06/10/25 10:30	1
Ethyl-t-butyl ether (ETBE)	ND		1.0		ug/Kg			06/10/25 10:30	1
Isopropylbenzene	ND		1.0		ug/Kg			06/10/25 10:30	1
Methylene Chloride	ND		10		ug/Kg			06/10/25 10:30	1
Methyl-t-Butyl Ether (MTBE)	ND		2.0		ug/Kg			06/10/25 10:30	1
Naphthalene	ND		10		ug/Kg			06/10/25 10:30	1
n-Butylbenzene	ND		1.0		ug/Kg			06/10/25 10:30	1
N-Propylbenzene	ND		2.0		ug/Kg			06/10/25 10:30	1
o-Xylene	ND		1.0		ug/Kg			06/10/25 10:30	1
m,p-Xylene	ND		2.0		ug/Kg			06/10/25 10:30	1
p-Isopropyltoluene	ND		1.0		ug/Kg			06/10/25 10:30	1
sec-Butylbenzene	ND		1.0		ug/Kg			06/10/25 10:30	1
Styrene	ND		1.0		ug/Kg			06/10/25 10:30	1
trans-1,2-Dichloroethene	ND		1.0		ug/Kg			06/10/25 10:30	1
trans-1,3-Dichloropropene	ND		2.0		ug/Kg			06/10/25 10:30	1
Tert-amyl-methyl ether (TAME)	ND		1.0		ug/Kg			06/10/25 10:30	1
tert-Butyl alcohol (TBA)	ND		20		ug/Kg			06/10/25 10:30	1
tert-Butylbenzene	ND		1.0		ug/Kg			06/10/25 10:30	1
Tetrachloroethene	ND		1.0		ug/Kg			06/10/25 10:30	1
Toluene	ND		1.0		ug/Kg			06/10/25 10:30	1
Trichloroethene	ND		2.0		ug/Kg			06/10/25 10:30	1
Trichlorofluoromethane	ND		10		ug/Kg			06/10/25 10:30	1
Vinyl acetate	ND		10		ug/Kg			06/10/25 10:30	1
Vinyl chloride	ND		1.0		ug/Kg			06/10/25 10:30	1
Xylenes, Total	ND		2.0		ug/Kg			06/10/25 10:30	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		32 - 179		06/10/25 10:30	1
4-Bromofluorobenzene (Surr)	100		80 - 120		06/10/25 10:30	1
Dibromofluoromethane (Surr)	99		58 - 147		06/10/25 10:30	1
Toluene-d8 (Surr)	100		80 - 120		06/10/25 10:30	1

Lab Sample ID: LCS 570-581820/4

Matrix: Solid

Analysis Batch: 581820

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	50.0	49.08		ug/Kg		98	80 - 125
1,1,1-Trichloroethane	50.0	54.22		ug/Kg		108	78 - 130
1,1,2,2-Tetrachloroethane	50.0	50.12		ug/Kg		100	80 - 124

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QC Sample Results

Client: Ninyo & Moore
Project/Site: LARAP Pacific Palisades & Rustic Canyons

Job ID: 570-233498-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-581820/4

Matrix: Solid

Analysis Batch: 581820

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	50.97		ug/Kg		102	73 - 130
1,1,2-Trichloroethane	50.0	53.94		ug/Kg		108	80 - 123
1,1-Dichloroethane	50.0	51.07		ug/Kg		102	79 - 124
1,1-Dichloroethene	50.0	48.13		ug/Kg		96	74 - 132
1,1-Dichloropropene	50.0	58.80		ug/Kg		118	78 - 130
1,2,3-Trichlorobenzene	50.0	52.75		ug/Kg		106	80 - 123
1,2,3-Trichloropropane	50.0	54.02		ug/Kg		108	79 - 120
1,2,4-Trichlorobenzene	50.0	52.11		ug/Kg		104	80 - 125
1,2,4-Trimethylbenzene	50.0	56.10		ug/Kg		112	80 - 124
1,2-Dibromo-3-Chloropropane	50.0	47.76		ug/Kg		96	67 - 120
1,2-Dibromoethane	50.0	55.52		ug/Kg		111	80 - 120
1,2-Dichlorobenzene	50.0	52.18		ug/Kg		104	80 - 120
1,2-Dichloroethane	50.0	54.70		ug/Kg		109	77 - 120
1,2-Dichloropropane	50.0	53.28		ug/Kg		107	80 - 126
1,3,5-Trimethylbenzene	50.0	55.05		ug/Kg		110	80 - 121
1,3-Dichlorobenzene	50.0	52.18		ug/Kg		104	80 - 120
1,3-Dichloropropane	50.0	55.53		ug/Kg		111	80 - 120
1,4-Dichlorobenzene	50.0	51.22		ug/Kg		102	80 - 120
2,2-Dichloropropane	50.0	55.39		ug/Kg		111	73 - 135
2-Butanone (MEK)	50.0	54.03		ug/Kg		108	67 - 136
2-Chlorotoluene	50.0	51.85		ug/Kg		104	80 - 120
2-Hexanone	50.0	48.83		ug/Kg		98	70 - 137
4-Chlorotoluene	50.0	52.58		ug/Kg		105	80 - 121
4-Methyl-2-pentanone (MIBK)	50.0	51.69		ug/Kg		103	74 - 124
Acetone	50.0	52.86		ug/Kg		106	61 - 142
Benzene	50.0	57.73		ug/Kg		115	80 - 120
Bromobenzene	50.0	50.88		ug/Kg		102	80 - 120
Bromochloromethane	50.0	55.76		ug/Kg		112	80 - 120
Bromodichloromethane	50.0	53.17		ug/Kg		106	80 - 125
Bromoform	50.0	45.41		ug/Kg		91	74 - 138
Bromomethane	50.0	45.90		ug/Kg		92	58 - 136
cis-1,2-Dichloroethene	50.0	54.75		ug/Kg		109	80 - 124
cis-1,3-Dichloropropene	50.0	55.11		ug/Kg		110	80 - 123
Carbon disulfide	50.0	51.27		ug/Kg		103	68 - 128
Carbon tetrachloride	50.0	53.61		ug/Kg		107	75 - 140
Chlorobenzene	50.0	51.71		ug/Kg		103	80 - 120
Chloroethane	50.0	49.14		ug/Kg		98	76 - 137
Chloroform	50.0	53.64		ug/Kg		107	80 - 121
Chloromethane	50.0	46.03		ug/Kg		92	74 - 133
Dibromochloromethane	50.0	49.86		ug/Kg		100	80 - 132
Dibromomethane	50.0	54.74		ug/Kg		109	80 - 120
Dichlorodifluoromethane	50.0	48.69		ug/Kg		97	63 - 146
Di-isopropyl ether (DIPE)	50.0	54.77		ug/Kg		110	73 - 132
Ethanol	500	424.2		ug/Kg		85	46 - 159
Ethylbenzene	50.0	52.29		ug/Kg		105	80 - 120
Ethyl-t-butyl ether (ETBE)	50.0	54.74		ug/Kg		109	77 - 129
Isopropylbenzene	50.0	54.20		ug/Kg		108	80 - 122
Methylene Chloride	50.0	52.84		ug/Kg		106	74 - 120

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QC Sample Results

Client: Ninyo & Moore
Project/Site: LARAP Pacific Palisades & Rustic Canyons

Job ID: 570-233498-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-581820/4

Matrix: Solid

Analysis Batch: 581820

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Methyl-t-Butyl Ether (MTBE)	50.0	57.36		ug/Kg		115	79 - 123
Naphthalene	50.0	48.93		ug/Kg		98	79 - 121
n-Butylbenzene	50.0	55.14		ug/Kg		110	79 - 131
N-Propylbenzene	50.0	53.27		ug/Kg		107	80 - 122
o-Xylene	50.0	52.86		ug/Kg		106	80 - 120
m,p-Xylene	100	108.1		ug/Kg		108	80 - 120
p-Isopropyltoluene	50.0	55.36		ug/Kg		111	80 - 126
sec-Butylbenzene	50.0	54.75		ug/Kg		110	80 - 125
Styrene	50.0	54.21		ug/Kg		108	80 - 120
trans-1,2-Dichloroethene	50.0	53.73		ug/Kg		107	75 - 123
trans-1,3-Dichloropropene	50.0	53.24		ug/Kg		106	80 - 124
Tert-amyl-methyl ether (TAME)	50.0	55.09		ug/Kg		110	80 - 120
tert-Butyl alcohol (TBA)	250	239.7		ug/Kg		96	74 - 123
tert-Butylbenzene	50.0	53.84		ug/Kg		108	80 - 124
Tetrachloroethene	50.0	51.51		ug/Kg		103	80 - 122
Toluene	50.0	54.05		ug/Kg		108	80 - 120
Trichloroethene	50.0	56.68		ug/Kg		113	80 - 127
Trichlorofluoromethane	50.0	49.85		ug/Kg		100	70 - 144
Vinyl acetate	50.0	49.59		ug/Kg		99	71 - 125
Vinyl chloride	50.0	50.54		ug/Kg		101	79 - 133

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	102		32 - 179
4-Bromofluorobenzene (Surr)	97		80 - 120
Dibromofluoromethane (Surr)	99		58 - 147
Toluene-d8 (Surr)	102		80 - 120

Lab Sample ID: LCSD 570-581820/5

Matrix: Solid

Analysis Batch: 581820

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	50.0	51.67		ug/Kg		103	80 - 125	5	20
1,1,1-Trichloroethane	50.0	55.04		ug/Kg		110	78 - 130	2	20
1,1,2,2-Tetrachloroethane	50.0	52.57		ug/Kg		105	80 - 124	5	20
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	52.23		ug/Kg		104	73 - 130	2	20
1,1,2-Trichloroethane	50.0	56.03		ug/Kg		112	80 - 123	4	20
1,1-Dichloroethane	50.0	51.54		ug/Kg		103	79 - 124	1	20
1,1-Dichloroethene	50.0	49.30		ug/Kg		99	74 - 132	2	20
1,1-Dichloropropene	50.0	58.68		ug/Kg		117	78 - 130	0	20
1,2,3-Trichlorobenzene	50.0	54.10		ug/Kg		108	80 - 123	3	20
1,2,3-Trichloropropane	50.0	56.61		ug/Kg		113	79 - 120	5	20
1,2,4-Trichlorobenzene	50.0	53.27		ug/Kg		107	80 - 125	2	20
1,2,4-Trimethylbenzene	50.0	57.59		ug/Kg		115	80 - 124	3	20
1,2-Dibromo-3-Chloropropane	50.0	49.46		ug/Kg		99	67 - 120	4	20
1,2-Dibromoethane	50.0	57.64		ug/Kg		115	80 - 120	4	20
1,2-Dichlorobenzene	50.0	54.04		ug/Kg		108	80 - 120	4	20
1,2-Dichloroethane	50.0	55.85		ug/Kg		112	77 - 120	2	20

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QC Sample Results

Client: Ninyo & Moore
Project/Site: LARAP Pacific Palisades & Rustic Canyons

Job ID: 570-233498-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-581820/5

Matrix: Solid

Analysis Batch: 581820

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2-Dichloropropane	50.0	54.06		ug/Kg		108	80 - 126	1	20
1,3,5-Trimethylbenzene	50.0	57.02		ug/Kg		114	80 - 121	4	20
1,3-Dichlorobenzene	50.0	53.47		ug/Kg		107	80 - 120	2	20
1,3-Dichloropropane	50.0	57.50		ug/Kg		115	80 - 120	3	20
1,4-Dichlorobenzene	50.0	52.71		ug/Kg		105	80 - 120	3	20
2,2-Dichloropropane	50.0	56.77		ug/Kg		114	73 - 135	2	20
2-Butanone (MEK)	50.0	55.16		ug/Kg		110	67 - 136	2	20
2-Chlorotoluene	50.0	53.56		ug/Kg		107	80 - 120	3	20
2-Hexanone	50.0	52.38		ug/Kg		105	70 - 137	7	20
4-Chlorotoluene	50.0	53.99		ug/Kg		108	80 - 121	3	20
4-Methyl-2-pentanone (MIBK)	50.0	53.50		ug/Kg		107	74 - 124	3	20
Acetone	50.0	54.66		ug/Kg		109	61 - 142	3	23
Benzene	50.0	57.78		ug/Kg		116	80 - 120	0	20
Bromobenzene	50.0	53.09		ug/Kg		106	80 - 120	4	20
Bromochloromethane	50.0	56.97		ug/Kg		114	80 - 120	2	20
Bromodichloromethane	50.0	54.56		ug/Kg		109	80 - 125	3	20
Bromoform	50.0	47.98		ug/Kg		96	74 - 138	5	20
Bromomethane	50.0	44.51		ug/Kg		89	58 - 136	3	20
cis-1,2-Dichloroethene	50.0	54.93		ug/Kg		110	80 - 124	0	20
cis-1,3-Dichloropropene	50.0	56.19		ug/Kg		112	80 - 123	2	20
Carbon disulfide	50.0	50.29		ug/Kg		101	68 - 128	2	20
Carbon tetrachloride	50.0	54.58		ug/Kg		109	75 - 140	2	20
Chlorobenzene	50.0	53.48		ug/Kg		107	80 - 120	3	20
Chloroethane	50.0	47.52		ug/Kg		95	76 - 137	3	20
Chloroform	50.0	54.46		ug/Kg		109	80 - 121	2	20
Chloromethane	50.0	44.51		ug/Kg		89	74 - 133	3	20
Dibromochloromethane	50.0	52.10		ug/Kg		104	80 - 132	4	20
Dibromomethane	50.0	55.59		ug/Kg		111	80 - 120	2	20
Dichlorodifluoromethane	50.0	48.76		ug/Kg		98	63 - 146	0	20
Di-isopropyl ether (DIPE)	50.0	55.55		ug/Kg		111	73 - 132	1	20
Ethanol	500	478.5		ug/Kg		96	46 - 159	12	30
Ethylbenzene	50.0	54.03		ug/Kg		108	80 - 120	3	20
Ethyl-t-butyl ether (ETBE)	50.0	55.96		ug/Kg		112	77 - 129	2	20
Isopropylbenzene	50.0	56.49		ug/Kg		113	80 - 122	4	20
Methylene Chloride	50.0	53.25		ug/Kg		107	74 - 120	1	20
Methyl-t-Butyl Ether (MTBE)	50.0	58.54		ug/Kg		117	79 - 123	2	20
Naphthalene	50.0	50.53		ug/Kg		101	79 - 121	3	20
n-Butylbenzene	50.0	57.14		ug/Kg		114	79 - 131	4	20
N-Propylbenzene	50.0	55.09		ug/Kg		110	80 - 122	3	20
o-Xylene	50.0	54.60		ug/Kg		109	80 - 120	3	20
m,p-Xylene	100	111.5		ug/Kg		111	80 - 120	3	20
p-Isopropyltoluene	50.0	57.07		ug/Kg		114	80 - 126	3	20
sec-Butylbenzene	50.0	56.61		ug/Kg		113	80 - 125	3	20
Styrene	50.0	56.12		ug/Kg		112	80 - 120	3	20
trans-1,2-Dichloroethene	50.0	53.66		ug/Kg		107	75 - 123	0	20
trans-1,3-Dichloropropene	50.0	55.63		ug/Kg		111	80 - 124	4	20
Tert-amyl-methyl ether (TAME)	50.0	55.95		ug/Kg		112	80 - 120	2	20
tert-Butyl alcohol (TBA)	250	251.6		ug/Kg		101	74 - 123	5	20
tert-Butylbenzene	50.0	55.44		ug/Kg		111	80 - 124	3	20

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QC Sample Results

Client: Ninyo & Moore
Project/Site: LARAP Pacific Palisades & Rustic Canyons

Job ID: 570-233498-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-581820/5

Matrix: Solid

Analysis Batch: 581820

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Tetrachloroethene	50.0	52.41		ug/Kg		105	80 - 122	2	20
Toluene	50.0	54.42		ug/Kg		109	80 - 120	1	20
Trichloroethene	50.0	56.85		ug/Kg		114	80 - 127	0	20
Trichlorofluoromethane	50.0	48.84		ug/Kg		98	70 - 144	2	20
Vinyl acetate	50.0	53.56		ug/Kg		107	71 - 125	8	20
Vinyl chloride	50.0	49.35		ug/Kg		99	79 - 133	2	20

Surrogate	LCSD %Recovery	LCSD Qualifier	LCSD Limits
1,2-Dichloroethane-d4 (Surr)	101		32 - 179
4-Bromofluorobenzene (Surr)	97		80 - 120
Dibromofluoromethane (Surr)	98		58 - 147
Toluene-d8 (Surr)	100		80 - 120

Lab Sample ID: MB 570-582439/9

Matrix: Solid

Analysis Batch: 582439

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0		ug/Kg			06/11/25 10:22	1
1,1,1-Trichloroethane	ND		1.0		ug/Kg			06/11/25 10:22	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/Kg			06/11/25 10:22	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10		ug/Kg			06/11/25 10:22	1
1,1,2-Trichloroethane	ND		1.0		ug/Kg			06/11/25 10:22	1
1,1-Dichloroethane	ND		1.0		ug/Kg			06/11/25 10:22	1
1,1-Dichloroethene	ND		1.0		ug/Kg			06/11/25 10:22	1
1,1-Dichloropropene	ND		2.0		ug/Kg			06/11/25 10:22	1
1,2,3-Trichlorobenzene	ND		2.0		ug/Kg			06/11/25 10:22	1
1,2,3-Trichloropropane	ND		2.0		ug/Kg			06/11/25 10:22	1
1,2,4-Trichlorobenzene	ND		2.0		ug/Kg			06/11/25 10:22	1
1,2,4-Trimethylbenzene	ND		2.0		ug/Kg			06/11/25 10:22	1
1,2-Dibromo-3-Chloropropane	ND		10		ug/Kg			06/11/25 10:22	1
1,2-Dibromoethane	ND		1.0		ug/Kg			06/11/25 10:22	1
1,2-Dichlorobenzene	ND		1.0		ug/Kg			06/11/25 10:22	1
1,2-Dichloroethane	ND		1.0		ug/Kg			06/11/25 10:22	1
1,2-Dichloropropane	ND		1.0		ug/Kg			06/11/25 10:22	1
1,3,5-Trimethylbenzene	ND		2.0		ug/Kg			06/11/25 10:22	1
1,3-Dichlorobenzene	ND		1.0		ug/Kg			06/11/25 10:22	1
1,3-Dichloropropane	ND		1.0		ug/Kg			06/11/25 10:22	1
1,4-Dichlorobenzene	ND		1.0		ug/Kg			06/11/25 10:22	1
2,2-Dichloropropane	ND		5.0		ug/Kg			06/11/25 10:22	1
2-Butanone (MEK)	ND		20		ug/Kg			06/11/25 10:22	1
2-Chlorotoluene	ND		1.0		ug/Kg			06/11/25 10:22	1
2-Hexanone	ND		20		ug/Kg			06/11/25 10:22	1
4-Chlorotoluene	ND		1.0		ug/Kg			06/11/25 10:22	1
4-Methyl-2-pentanone (MIBK)	ND		20		ug/Kg			06/11/25 10:22	1
Acetone	ND		20		ug/Kg			06/11/25 10:22	1
Benzene	ND		1.0		ug/Kg			06/11/25 10:22	1
Bromobenzene	ND		1.0		ug/Kg			06/11/25 10:22	1

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QC Sample Results

Client: Ninyo & Moore
Project/Site: LARAP Pacific Palisades & Rustic Canyons

Job ID: 570-233498-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-582439/9

Matrix: Solid

Analysis Batch: 582439

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromochloromethane	ND		2.0		ug/Kg			06/11/25 10:22	1
Bromodichloromethane	ND		1.0		ug/Kg			06/11/25 10:22	1
Bromoform	ND		5.0		ug/Kg			06/11/25 10:22	1
Bromomethane	ND		20		ug/Kg			06/11/25 10:22	1
cis-1,2-Dichloroethene	ND		1.0		ug/Kg			06/11/25 10:22	1
cis-1,3-Dichloropropene	ND		1.0		ug/Kg			06/11/25 10:22	1
Carbon disulfide	ND		10		ug/Kg			06/11/25 10:22	1
Carbon tetrachloride	ND		1.0		ug/Kg			06/11/25 10:22	1
Chlorobenzene	ND		1.0		ug/Kg			06/11/25 10:22	1
Chloroethane	ND		2.0		ug/Kg			06/11/25 10:22	1
Chloroform	ND		1.0		ug/Kg			06/11/25 10:22	1
Chloromethane	ND		20		ug/Kg			06/11/25 10:22	1
Dibromochloromethane	ND		2.0		ug/Kg			06/11/25 10:22	1
Dibromomethane	ND		1.0		ug/Kg			06/11/25 10:22	1
Dichlorodifluoromethane	ND		2.0		ug/Kg			06/11/25 10:22	1
Di-isopropyl ether (DIPE)	ND		1.0		ug/Kg			06/11/25 10:22	1
Ethanol	ND		250		ug/Kg			06/11/25 10:22	1
Ethylbenzene	ND		1.0		ug/Kg			06/11/25 10:22	1
Ethyl-t-butyl ether (ETBE)	ND		1.0		ug/Kg			06/11/25 10:22	1
Isopropylbenzene	ND		1.0		ug/Kg			06/11/25 10:22	1
Methylene Chloride	ND		10		ug/Kg			06/11/25 10:22	1
Methyl-t-Butyl Ether (MTBE)	ND		2.0		ug/Kg			06/11/25 10:22	1
Naphthalene	ND		10		ug/Kg			06/11/25 10:22	1
n-Butylbenzene	ND		1.0		ug/Kg			06/11/25 10:22	1
N-Propylbenzene	ND		2.0		ug/Kg			06/11/25 10:22	1
o-Xylene	ND		1.0		ug/Kg			06/11/25 10:22	1
m,p-Xylene	ND		2.0		ug/Kg			06/11/25 10:22	1
p-Isopropyltoluene	ND		1.0		ug/Kg			06/11/25 10:22	1
sec-Butylbenzene	ND		1.0		ug/Kg			06/11/25 10:22	1
Styrene	ND		1.0		ug/Kg			06/11/25 10:22	1
trans-1,2-Dichloroethene	ND		1.0		ug/Kg			06/11/25 10:22	1
trans-1,3-Dichloropropene	ND		2.0		ug/Kg			06/11/25 10:22	1
Tert-amyl-methyl ether (TAME)	ND		1.0		ug/Kg			06/11/25 10:22	1
tert-Butyl alcohol (TBA)	ND		20		ug/Kg			06/11/25 10:22	1
tert-Butylbenzene	ND		1.0		ug/Kg			06/11/25 10:22	1
Tetrachloroethene	ND		1.0		ug/Kg			06/11/25 10:22	1
Toluene	ND		1.0		ug/Kg			06/11/25 10:22	1
Trichloroethene	ND		2.0		ug/Kg			06/11/25 10:22	1
Trichlorofluoromethane	ND		10		ug/Kg			06/11/25 10:22	1
Vinyl acetate	ND		10		ug/Kg			06/11/25 10:22	1
Vinyl chloride	ND		1.0		ug/Kg			06/11/25 10:22	1
Xylenes, Total	ND		2.0		ug/Kg			06/11/25 10:22	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	116		32 - 179		06/11/25 10:22	1
4-Bromofluorobenzene (Surr)	100		80 - 120		06/11/25 10:22	1
Dibromofluoromethane (Surr)	105		58 - 147		06/11/25 10:22	1
Toluene-d8 (Surr)	99		80 - 120		06/11/25 10:22	1

Eurofins Calscience

QC Sample Results

Client: Ninyo & Moore
Project/Site: LARAP Pacific Palisades & Rustic Canyons

Job ID: 570-233498-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-582439/5

Matrix: Solid

Analysis Batch: 582439

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	50.0	55.02		ug/Kg		110	80 - 125
1,1,1-Trichloroethane	50.0	57.22		ug/Kg		114	78 - 130
1,1,2,2-Tetrachloroethane	50.0	51.88		ug/Kg		104	80 - 124
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	52.58		ug/Kg		105	73 - 130
1,1,2-Trichloroethane	50.0	51.14		ug/Kg		102	80 - 123
1,1-Dichloroethane	50.0	54.43		ug/Kg		109	79 - 124
1,1-Dichloroethene	50.0	53.04		ug/Kg		106	74 - 132
1,1-Dichloropropene	50.0	54.01		ug/Kg		108	78 - 130
1,2,3-Trichlorobenzene	50.0	52.25		ug/Kg		105	80 - 123
1,2,3-Trichloropropane	50.0	57.62		ug/Kg		115	79 - 120
1,2,4-Trichlorobenzene	50.0	53.33		ug/Kg		107	80 - 125
1,2,4-Trimethylbenzene	50.0	52.79		ug/Kg		106	80 - 124
1,2-Dibromo-3-Chloropropane	50.0	58.87		ug/Kg		118	67 - 120
1,2-Dibromoethane	50.0	53.47		ug/Kg		107	80 - 120
1,2-Dichlorobenzene	50.0	48.87		ug/Kg		98	80 - 120
1,2-Dichloroethane	50.0	53.17		ug/Kg		106	77 - 120
1,2-Dichloropropane	50.0	48.82		ug/Kg		98	80 - 126
1,3,5-Trimethylbenzene	50.0	55.93		ug/Kg		112	80 - 121
1,3-Dichlorobenzene	50.0	50.31		ug/Kg		101	80 - 120
1,3-Dichloropropane	50.0	53.36		ug/Kg		107	80 - 120
1,4-Dichlorobenzene	50.0	49.12		ug/Kg		98	80 - 120
2,2-Dichloropropane	50.0	60.26		ug/Kg		121	73 - 135
2-Butanone (MEK)	50.0	48.92		ug/Kg		98	67 - 136
2-Chlorotoluene	50.0	56.01		ug/Kg		112	80 - 120
2-Hexanone	50.0	55.12		ug/Kg		110	70 - 137
4-Chlorotoluene	50.0	54.69		ug/Kg		109	80 - 121
4-Methyl-2-pentanone (MIBK)	50.0	50.08		ug/Kg		100	74 - 124
Acetone	50.0	48.73		ug/Kg		97	61 - 142
Benzene	50.0	49.26		ug/Kg		99	80 - 120
Bromobenzene	50.0	50.79		ug/Kg		102	80 - 120
Bromochloromethane	50.0	52.24		ug/Kg		104	80 - 120
Bromodichloromethane	50.0	57.70		ug/Kg		115	80 - 125
Bromoform	50.0	53.02		ug/Kg		106	74 - 138
Bromomethane	50.0	46.97		ug/Kg		94	58 - 136
cis-1,2-Dichloroethene	50.0	52.93		ug/Kg		106	80 - 124
cis-1,3-Dichloropropene	50.0	57.83		ug/Kg		116	80 - 123
Carbon disulfide	50.0	55.58		ug/Kg		111	68 - 128
Carbon tetrachloride	50.0	56.17		ug/Kg		112	75 - 140
Chlorobenzene	50.0	50.94		ug/Kg		102	80 - 120
Chloroethane	50.0	49.55		ug/Kg		99	76 - 137
Chloroform	50.0	52.84		ug/Kg		106	80 - 121
Chloromethane	50.0	50.89		ug/Kg		102	74 - 133
Dibromochloromethane	50.0	57.44		ug/Kg		115	80 - 132
Dibromomethane	50.0	56.83		ug/Kg		114	80 - 120
Dichlorodifluoromethane	50.0	58.23		ug/Kg		116	63 - 146
Di-isopropyl ether (DIPE)	50.0	54.04		ug/Kg		108	73 - 132
Ethanol	500	392.2		ug/Kg		78	46 - 159
Ethylbenzene	50.0	53.73		ug/Kg		107	80 - 120

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QC Sample Results

Client: Ninyo & Moore
Project/Site: LARAP Pacific Palisades & Rustic Canyons

Job ID: 570-233498-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-582439/5

Matrix: Solid

Analysis Batch: 582439

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Ethyl-t-butyl ether (ETBE)	50.0	55.13		ug/Kg		110	77 - 129
Isopropylbenzene	50.0	56.98		ug/Kg		114	80 - 122
Methylene Chloride	50.0	47.67		ug/Kg		95	74 - 120
Methyl-t-Butyl Ether (MTBE)	50.0	56.16		ug/Kg		112	79 - 123
Naphthalene	50.0	49.58		ug/Kg		99	79 - 121
n-Butylbenzene	50.0	54.33		ug/Kg		109	79 - 131
N-Propylbenzene	50.0	55.83		ug/Kg		112	80 - 122
o-Xylene	50.0	56.08		ug/Kg		112	80 - 120
m,p-Xylene	100	108.5		ug/Kg		108	80 - 120
p-Isopropyltoluene	50.0	52.66		ug/Kg		105	80 - 126
sec-Butylbenzene	50.0	53.41		ug/Kg		107	80 - 125
Styrene	50.0	52.35		ug/Kg		105	80 - 120
trans-1,2-Dichloroethene	50.0	49.93		ug/Kg		100	75 - 123
trans-1,3-Dichloropropene	50.0	59.08		ug/Kg		118	80 - 124
Tert-amyl-methyl ether (TAME)	50.0	56.39		ug/Kg		113	80 - 120
tert-Butyl alcohol (TBA)	250	246.6		ug/Kg		99	74 - 123
tert-Butylbenzene	50.0	51.72		ug/Kg		103	80 - 124
Tetrachloroethene	50.0	49.99		ug/Kg		100	80 - 122
Toluene	50.0	51.58		ug/Kg		103	80 - 120
Trichloroethene	50.0	54.25		ug/Kg		108	80 - 127
Trichlorofluoromethane	50.0	58.18		ug/Kg		116	70 - 144
Vinyl acetate	50.0	59.02		ug/Kg		118	71 - 125
Vinyl chloride	50.0	52.78		ug/Kg		106	79 - 133

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	109		32 - 179
4-Bromofluorobenzene (Surr)	110		80 - 120
Dibromofluoromethane (Surr)	103		58 - 147
Toluene-d8 (Surr)	102		80 - 120

Lab Sample ID: LCSD 570-582439/7

Matrix: Solid

Analysis Batch: 582439

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	50.0	54.36		ug/Kg		109	80 - 125	1	20
1,1,1-Trichloroethane	50.0	59.13		ug/Kg		118	78 - 130	3	20
1,1,2,2-Tetrachloroethane	50.0	52.99		ug/Kg		106	80 - 124	2	20
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	54.83		ug/Kg		110	73 - 130	4	20
1,1,2-Trichloroethane	50.0	50.94		ug/Kg		102	80 - 123	0	20
1,1-Dichloroethane	50.0	56.08		ug/Kg		112	79 - 124	3	20
1,1-Dichloroethene	50.0	54.72		ug/Kg		109	74 - 132	3	20
1,1-Dichloropropene	50.0	55.60		ug/Kg		111	78 - 130	3	20
1,2,3-Trichlorobenzene	50.0	54.85		ug/Kg		110	80 - 123	5	20
1,2,3-Trichloropropane	50.0	55.37		ug/Kg		111	79 - 120	4	20
1,2,4-Trichlorobenzene	50.0	56.39		ug/Kg		113	80 - 125	6	20
1,2,4-Trimethylbenzene	50.0	54.90		ug/Kg		110	80 - 124	4	20
1,2-Dibromo-3-Chloropropane	50.0	59.14		ug/Kg		118	67 - 120	0	20

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QC Sample Results

Client: Ninyo & Moore
Project/Site: LARAP Pacific Palisades & Rustic Canyons

Job ID: 570-233498-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-582439/7

Matrix: Solid

Analysis Batch: 582439

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2-Dibromoethane	50.0	53.93		ug/Kg		108	80 - 120	1	20
1,2-Dichlorobenzene	50.0	50.41		ug/Kg		101	80 - 120	3	20
1,2-Dichloroethane	50.0	54.75		ug/Kg		110	77 - 120	3	20
1,2-Dichloropropane	50.0	49.50		ug/Kg		99	80 - 126	1	20
1,3,5-Trimethylbenzene	50.0	57.11		ug/Kg		114	80 - 121	2	20
1,3-Dichlorobenzene	50.0	52.02		ug/Kg		104	80 - 120	3	20
1,3-Dichloropropane	50.0	54.01		ug/Kg		108	80 - 120	1	20
1,4-Dichlorobenzene	50.0	50.60		ug/Kg		101	80 - 120	3	20
2,2-Dichloropropane	50.0	62.12		ug/Kg		124	73 - 135	3	20
2-Butanone (MEK)	50.0	51.96		ug/Kg		104	67 - 136	6	20
2-Chlorotoluene	50.0	56.99		ug/Kg		114	80 - 120	2	20
2-Hexanone	50.0	54.86		ug/Kg		110	70 - 137	0	20
4-Chlorotoluene	50.0	56.49		ug/Kg		113	80 - 121	3	20
4-Methyl-2-pentanone (MIBK)	50.0	48.79		ug/Kg		98	74 - 124	3	20
Acetone	50.0	48.84		ug/Kg		98	61 - 142	0	23
Benzene	50.0	49.82		ug/Kg		100	80 - 120	1	20
Bromobenzene	50.0	52.37		ug/Kg		105	80 - 120	3	20
Bromochloromethane	50.0	53.66		ug/Kg		107	80 - 120	3	20
Bromodichloromethane	50.0	58.31		ug/Kg		117	80 - 125	1	20
Bromoform	50.0	53.48		ug/Kg		107	74 - 138	1	20
Bromomethane	50.0	45.86		ug/Kg		92	58 - 136	2	20
cis-1,2-Dichloroethene	50.0	52.26		ug/Kg		105	80 - 124	1	20
cis-1,3-Dichloropropene	50.0	58.89		ug/Kg		118	80 - 123	2	20
Carbon disulfide	50.0	55.32		ug/Kg		111	68 - 128	0	20
Carbon tetrachloride	50.0	58.22		ug/Kg		116	75 - 140	4	20
Chlorobenzene	50.0	51.21		ug/Kg		102	80 - 120	1	20
Chloroethane	50.0	49.87		ug/Kg		100	76 - 137	1	20
Chloroform	50.0	54.27		ug/Kg		109	80 - 121	3	20
Chloromethane	50.0	45.51		ug/Kg		91	74 - 133	11	20
Dibromochloromethane	50.0	57.66		ug/Kg		115	80 - 132	0	20
Dibromomethane	50.0	56.40		ug/Kg		113	80 - 120	1	20
Dichlorodifluoromethane	50.0	55.69		ug/Kg		111	63 - 146	4	20
Di-isopropyl ether (DIPE)	50.0	54.45		ug/Kg		109	73 - 132	1	20
Ethanol	500	453.0		ug/Kg		91	46 - 159	14	30
Ethylbenzene	50.0	55.12		ug/Kg		110	80 - 120	3	20
Ethyl-t-butyl ether (ETBE)	50.0	55.29		ug/Kg		111	77 - 129	0	20
Isopropylbenzene	50.0	57.28		ug/Kg		115	80 - 122	1	20
Methylene Chloride	50.0	49.80		ug/Kg		100	74 - 120	4	20
Methyl-t-Butyl Ether (MTBE)	50.0	56.58		ug/Kg		113	79 - 123	1	20
Naphthalene	50.0	50.87		ug/Kg		102	79 - 121	3	20
n-Butylbenzene	50.0	57.44		ug/Kg		115	79 - 131	6	20
N-Propylbenzene	50.0	57.47		ug/Kg		115	80 - 122	3	20
o-Xylene	50.0	57.54		ug/Kg		115	80 - 120	3	20
m,p-Xylene	100	109.3		ug/Kg		109	80 - 120	1	20
p-Isopropyltoluene	50.0	55.10		ug/Kg		110	80 - 126	5	20
sec-Butylbenzene	50.0	54.95		ug/Kg		110	80 - 125	3	20
Styrene	50.0	54.21		ug/Kg		108	80 - 120	3	20
trans-1,2-Dichloroethene	50.0	52.08		ug/Kg		104	75 - 123	4	20
trans-1,3-Dichloropropene	50.0	60.37		ug/Kg		121	80 - 124	2	20

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QC Sample Results

Client: Ninyo & Moore
Project/Site: LARAP Pacific Palisades & Rustic Canyons

Job ID: 570-233498-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-582439/7

Matrix: Solid

Analysis Batch: 582439

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Tert-amyl-methyl ether (TAME)	50.0	57.31		ug/Kg		115	80 - 120	2	20
tert-Butyl alcohol (TBA)	250	244.4		ug/Kg		98	74 - 123	1	20
tert-Butylbenzene	50.0	53.22		ug/Kg		106	80 - 124	3	20
Tetrachloroethene	50.0	51.91		ug/Kg		104	80 - 122	4	20
Toluene	50.0	52.63		ug/Kg		105	80 - 120	2	20
Trichloroethene	50.0	54.08		ug/Kg		108	80 - 127	0	20
Trichlorofluoromethane	50.0	56.98		ug/Kg		114	70 - 144	2	20
Vinyl acetate	50.0	63.21	*+ me	ug/Kg		126	71 - 125	7	20
Vinyl chloride	50.0	48.83		ug/Kg		98	79 - 133	8	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	110		32 - 179
4-Bromofluorobenzene (Surr)	109		80 - 120
Dibromofluoromethane (Surr)	105		58 - 147
Toluene-d8 (Surr)	102		80 - 120

Lab Sample ID: 570-233803-A-38-B MS

Matrix: Solid

Analysis Batch: 582439

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 582589

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	ND		48.7	48.94		ug/Kg		100	61 - 129
1,1,1-Trichloroethane	ND		48.7	52.46		ug/Kg		108	67 - 125
1,1,2,2-Tetrachloroethane	ND		48.7	50.19		ug/Kg		103	20 - 164
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		48.7	48.14		ug/Kg		99	62 - 125
1,1,2-Trichloroethane	ND		48.7	46.77		ug/Kg		96	52 - 134
1,1-Dichloroethane	ND		48.7	50.60		ug/Kg		104	66 - 125
1,1-Dichloroethene	ND		48.7	49.50		ug/Kg		102	60 - 125
1,1-Dichloropropene	ND		48.7	50.10		ug/Kg		103	69 - 125
1,2,3-Trichlorobenzene	ND		48.7	40.51		ug/Kg		83	20 - 145
1,2,3-Trichloropropane	ND		48.7	50.74		ug/Kg		104	53 - 128
1,2,4-Trichlorobenzene	ND		48.7	41.53		ug/Kg		85	20 - 146
1,2,4-Trimethylbenzene	ND		48.7	49.94		ug/Kg		102	51 - 129
1,2-Dibromo-3-Chloropropane	ND		48.7	51.79		ug/Kg		106	33 - 126
1,2-Dibromoethane	ND		48.7	47.45		ug/Kg		97	65 - 125
1,2-Dichlorobenzene	ND		48.7	44.27		ug/Kg		91	47 - 130
1,2-Dichloroethane	ND		48.7	49.09		ug/Kg		101	66 - 127
1,2-Dichloropropane	ND		48.7	46.20		ug/Kg		95	70 - 125
1,3,5-Trimethylbenzene	ND		48.7	48.10		ug/Kg		99	50 - 132
1,3-Dichlorobenzene	ND		48.7	45.59		ug/Kg		94	48 - 128
1,3-Dichloropropane	ND		48.7	48.65		ug/Kg		100	66 - 125
1,4-Dichlorobenzene	ND		48.7	44.25		ug/Kg		91	47 - 127
2,2-Dichloropropane	ND		48.7	54.73		ug/Kg		112	61 - 128
2-Butanone (MEK)	ND		48.7	48.97		ug/Kg		100	48 - 134
2-Chlorotoluene	ND		48.7	48.57		ug/Kg		100	54 - 127
2-Hexanone	ND		48.7	47.32		ug/Kg		97	48 - 136
4-Chlorotoluene	ND		48.7	51.00		ug/Kg		105	54 - 125
4-Methyl-2-pentanone (MIBK)	ND		48.7	41.83		ug/Kg		86	55 - 133

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QC Sample Results

Client: Ninyo & Moore
Project/Site: LARAP Pacific Palisades & Rustic Canyons

Job ID: 570-233498-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 570-233803-A-38-B MS

Matrix: Solid

Analysis Batch: 582439

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 582589

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	ND		48.7	51.35		ug/Kg		105	30 - 175
Benzene	ND		48.7	45.87		ug/Kg		94	70 - 125
Bromobenzene	ND		48.7	44.43		ug/Kg		91	57 - 129
Bromochloromethane	ND		48.7	47.61		ug/Kg		98	67 - 125
Bromodichloromethane	ND		48.7	52.37		ug/Kg		107	64 - 130
Bromoform	ND		48.7	48.53		ug/Kg		100	49 - 133
Bromomethane	ND		48.7	44.50		ug/Kg		91	30 - 149
cis-1,2-Dichloroethene	ND		48.7	48.15		ug/Kg		99	71 - 125
cis-1,3-Dichloropropene	ND		48.7	51.34		ug/Kg		105	63 - 126
Carbon disulfide	ND		48.7	48.34		ug/Kg		99	53 - 125
Carbon tetrachloride	ND		48.7	52.11		ug/Kg		107	60 - 130
Chlorobenzene	ND		48.7	45.74		ug/Kg		94	65 - 125
Chloroethane	ND		48.7	47.29		ug/Kg		97	51 - 131
Chloroform	ND		48.7	49.73		ug/Kg		102	70 - 125
Chloromethane	ND		48.7	49.86		ug/Kg		102	43 - 125
Dibromochloromethane	ND		48.7	51.77		ug/Kg		106	56 - 132
Dibromomethane	ND		48.7	50.70		ug/Kg		104	67 - 127
Dichlorodifluoromethane	ND		48.7	53.45		ug/Kg		110	47 - 127
Di-isopropyl ether (DIPE)	ND		48.7	49.38		ug/Kg		101	62 - 125
Ethanol	ND		48.7	479.9		ug/Kg		98	21 - 168
Ethylbenzene	ND		48.7	48.05		ug/Kg		99	64 - 125
Ethyl-t-butyl ether (ETBE)	ND		48.7	50.70		ug/Kg		104	61 - 125
Isopropylbenzene	ND		48.7	49.33		ug/Kg		101	59 - 129
Methylene Chloride	ND		48.7	44.91		ug/Kg		92	60 - 125
Methyl-t-Butyl Ether (MTBE)	ND		48.7	51.51		ug/Kg		106	61 - 125
Naphthalene	ND		48.7	41.05		ug/Kg		84	25 - 136
n-Butylbenzene	ND		48.7	47.70		ug/Kg		98	35 - 135
N-Propylbenzene	ND		48.7	48.32		ug/Kg		99	52 - 131
o-Xylene	ND		48.7	49.52		ug/Kg		102	59 - 128
m,p-Xylene	ND		97.5	96.04		ug/Kg		99	60 - 125
p-Isopropyltoluene	ND		48.7	47.50		ug/Kg		97	46 - 132
sec-Butylbenzene	ND		48.7	48.43		ug/Kg		99	47 - 131
Styrene	ND		48.7	47.37		ug/Kg		97	58 - 128
trans-1,2-Dichloroethene	ND		48.7	47.11		ug/Kg		97	67 - 125
trans-1,3-Dichloropropene	ND		48.7	52.01		ug/Kg		107	59 - 132
Tert-amyl-methyl ether (TAME)	ND		48.7	50.87		ug/Kg		104	66 - 127
tert-Butyl alcohol (TBA)	ND		244	239.9		ug/Kg		98	50 - 142
tert-Butylbenzene	ND		48.7	46.97		ug/Kg		96	53 - 126
Tetrachloroethene	ND		48.7	44.38		ug/Kg		91	62 - 129
Toluene	ND		48.7	45.93		ug/Kg		94	68 - 125
Trichloroethene	ND		48.7	48.93		ug/Kg		100	41 - 169
Trichlorofluoromethane	ND		48.7	52.63		ug/Kg		108	63 - 128
Vinyl acetate	ND	++	48.7	29.60		ug/Kg		61	20 - 154
Vinyl chloride	ND		48.7	47.49		ug/Kg		97	59 - 125

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	111		32 - 179
4-Bromofluorobenzene (Surr)	106		80 - 120

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QC Sample Results

Client: Ninyo & Moore
Project/Site: LARAP Pacific Palisades & Rustic Canyons

Job ID: 570-233498-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 570-233803-A-38-B MS

Matrix: Solid

Analysis Batch: 582439

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 582589

Surrogate	MS %Recovery	MS Qualifier	Limits
Dibromofluoromethane (Surr)	106		58 - 147
Toluene-d8 (Surr)	101		80 - 120

Lab Sample ID: 570-233803-A-38-C MSD

Matrix: Solid

Analysis Batch: 582439

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 582589

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	ND		49.3	51.59		ug/Kg		105	61 - 129	5	23
1,1,1-Trichloroethane	ND		49.3	53.08		ug/Kg		108	67 - 125	1	20
1,1,2,2-Tetrachloroethane	ND		49.3	49.99		ug/Kg		101	20 - 164	0	40
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		49.3	48.42		ug/Kg		98	62 - 125	1	20
1,1,2-Trichloroethane	ND		49.3	49.81		ug/Kg		101	52 - 134	6	25
1,1-Dichloroethane	ND		49.3	50.22		ug/Kg		102	66 - 125	1	20
1,1-Dichloroethene	ND		49.3	52.06		ug/Kg		106	60 - 125	5	20
1,1-Dichloropropene	ND		49.3	51.18		ug/Kg		104	69 - 125	2	20
1,2,3-Trichlorobenzene	ND		49.3	44.17		ug/Kg		90	20 - 145	9	39
1,2,3-Trichloropropane	ND		49.3	53.67		ug/Kg		109	53 - 128	6	25
1,2,4-Trichlorobenzene	ND		49.3	44.58		ug/Kg		90	20 - 146	7	38
1,2,4-Trimethylbenzene	ND		49.3	50.47		ug/Kg		102	51 - 129	1	27
1,2-Dibromo-3-Chloropropane	ND		49.3	54.01		ug/Kg		110	33 - 126	4	29
1,2-Dibromoethane	ND		49.3	50.61		ug/Kg		103	65 - 125	6	21
1,2-Dichlorobenzene	ND		49.3	45.99		ug/Kg		93	47 - 130	4	29
1,2-Dichloroethane	ND		49.3	51.08		ug/Kg		104	66 - 127	4	20
1,2-Dichloropropane	ND		49.3	48.03		ug/Kg		97	70 - 125	4	20
1,3,5-Trimethylbenzene	ND		49.3	51.49		ug/Kg		104	50 - 132	7	29
1,3-Dichlorobenzene	ND		49.3	46.93		ug/Kg		95	48 - 128	3	28
1,3-Dichloropropane	ND		49.3	51.55		ug/Kg		105	66 - 125	6	20
1,4-Dichlorobenzene	ND		49.3	45.40		ug/Kg		92	47 - 127	3	28
2,2-Dichloropropane	ND		49.3	56.56		ug/Kg		115	61 - 128	3	20
2-Butanone (MEK)	ND		49.3	47.79		ug/Kg		97	48 - 134	2	24
2-Chlorotoluene	ND		49.3	52.11		ug/Kg		106	54 - 127	7	27
2-Hexanone	ND		49.3	50.42		ug/Kg		102	48 - 136	6	28
4-Chlorotoluene	ND		49.3	46.77		ug/Kg		95	54 - 125	9	26
4-Methyl-2-pentanone (MIBK)	ND		49.3	47.57		ug/Kg		96	55 - 133	13	23
Acetone	ND		49.3	53.39		ug/Kg		108	30 - 175	4	30
Benzene	ND		49.3	46.89		ug/Kg		95	70 - 125	2	20
Bromobenzene	ND		49.3	47.35		ug/Kg		96	57 - 129	6	26
Bromochloromethane	ND		49.3	50.90		ug/Kg		103	67 - 125	7	20
Bromodichloromethane	ND		49.3	53.89		ug/Kg		109	64 - 130	3	20
Bromoform	ND		49.3	51.78		ug/Kg		105	49 - 133	6	27
Bromomethane	ND		49.3	43.58		ug/Kg		88	30 - 149	2	31
cis-1,2-Dichloroethene	ND		49.3	50.36		ug/Kg		102	71 - 125	4	20
cis-1,3-Dichloropropene	ND		49.3	54.06		ug/Kg		110	63 - 126	5	20
Carbon disulfide	ND		49.3	51.09		ug/Kg		104	53 - 125	6	20
Carbon tetrachloride	ND		49.3	53.27		ug/Kg		108	60 - 130	2	20
Chlorobenzene	ND		49.3	47.74		ug/Kg		97	65 - 125	4	22
Chloroethane	ND		49.3	46.10		ug/Kg		93	51 - 131	3	21

Eurofins Calscience

QC Sample Results

Client: Ninyo & Moore
Project/Site: LARAP Pacific Palisades & Rustic Canyons

Job ID: 570-233498-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 570-233803-A-38-C MSD

Matrix: Solid

Analysis Batch: 582439

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 582589

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloroform	ND		49.3	50.96		ug/Kg		103	70 - 125	2	20
Chloromethane	ND		49.3	48.47		ug/Kg		98	43 - 125	3	21
Dibromochloromethane	ND		49.3	53.81		ug/Kg		109	56 - 132	4	24
Dibromomethane	ND		49.3	52.63		ug/Kg		107	67 - 127	4	20
Dichlorodifluoromethane	ND		49.3	53.12		ug/Kg		108	47 - 127	1	20
Di-isopropyl ether (DIPE)	ND		49.3	50.65		ug/Kg		103	62 - 125	3	20
Ethanol	ND		493	442.0		ug/Kg		90	21 - 168	8	40
Ethylbenzene	ND		49.3	51.11		ug/Kg		104	64 - 125	6	22
Ethyl-t-butyl ether (ETBE)	ND		49.3	54.38		ug/Kg		110	61 - 125	7	20
Isopropylbenzene	ND		49.3	51.78		ug/Kg		105	59 - 129	5	26
Methylene Chloride	ND		49.3	47.98		ug/Kg		97	60 - 125	7	20
Methyl-t-Butyl Ether (MTBE)	ND		49.3	54.52		ug/Kg		111	61 - 125	6	20
Naphthalene	ND		49.3	44.78		ug/Kg		91	25 - 136	9	32
n-Butylbenzene	ND		49.3	48.83		ug/Kg		99	35 - 135	2	35
N-Propylbenzene	ND		49.3	50.98		ug/Kg		103	52 - 131	5	27
o-Xylene	ND		49.3	53.00		ug/Kg		107	59 - 128	7	24
m,p-Xylene	ND		98.6	100.5		ug/Kg		102	60 - 125	4	24
p-Isopropyltoluene	ND		49.3	49.43		ug/Kg		100	46 - 132	4	30
sec-Butylbenzene	ND		49.3	49.56		ug/Kg		101	47 - 131	2	30
Styrene	ND		49.3	50.81		ug/Kg		103	58 - 128	7	24
trans-1,2-Dichloroethene	ND		49.3	49.26		ug/Kg		100	67 - 125	4	20
trans-1,3-Dichloropropene	ND		49.3	56.01		ug/Kg		114	59 - 132	7	22
Tert-amyl-methyl ether (TAME)	ND		49.3	53.86		ug/Kg		109	66 - 127	6	20
tert-Butyl alcohol (TBA)	ND		247	233.5		ug/Kg		95	50 - 142	3	27
tert-Butylbenzene	ND		49.3	48.85		ug/Kg		99	53 - 126	4	28
Tetrachloroethene	ND		49.3	47.49		ug/Kg		96	62 - 129	7	21
Toluene	ND		49.3	48.55		ug/Kg		98	68 - 125	6	20
Trichloroethene	ND		49.3	50.64		ug/Kg		103	41 - 169	3	21
Trichlorofluoromethane	ND		49.3	51.42		ug/Kg		104	63 - 128	2	20
Vinyl acetate	ND	*+	49.3	35.39		ug/Kg		72	20 - 154	18	40
Vinyl chloride	ND		49.3	47.91		ug/Kg		97	59 - 125	1	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	111		32 - 179
4-Bromofluorobenzene (Surr)	105		80 - 120
Dibromofluoromethane (Surr)	104		58 - 147
Toluene-d8 (Surr)	101		80 - 120

Lab Sample ID: MB 570-583296/3-A

Matrix: Solid

Analysis Batch: 583354

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 583296

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0		ug/Kg		06/12/25 14:52	06/12/25 21:00	1
1,1,1-Trichloroethane	ND		1.0		ug/Kg		06/12/25 14:52	06/12/25 21:00	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/Kg		06/12/25 14:52	06/12/25 21:00	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10		ug/Kg		06/12/25 14:52	06/12/25 21:00	1
1,1,2-Trichloroethane	ND		1.0		ug/Kg		06/12/25 14:52	06/12/25 21:00	1

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QC Sample Results

Client: Ninyo & Moore
Project/Site: LARAP Pacific Palisades & Rustic Canyons

Job ID: 570-233498-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-583296/3-A

Matrix: Solid

Analysis Batch: 583354

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 583296

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	ND		1.0		ug/Kg		06/12/25 14:52	06/12/25 21:00	1
1,1-Dichloroethene	ND		1.0		ug/Kg		06/12/25 14:52	06/12/25 21:00	1
1,1-Dichloropropene	ND		2.0		ug/Kg		06/12/25 14:52	06/12/25 21:00	1
1,2,3-Trichlorobenzene	ND		2.0		ug/Kg		06/12/25 14:52	06/12/25 21:00	1
1,2,3-Trichloropropane	ND		2.0		ug/Kg		06/12/25 14:52	06/12/25 21:00	1
1,2,4-Trichlorobenzene	ND		2.0		ug/Kg		06/12/25 14:52	06/12/25 21:00	1
1,2,4-Trimethylbenzene	ND		2.0		ug/Kg		06/12/25 14:52	06/12/25 21:00	1
1,2-Dibromo-3-Chloropropane	ND		10		ug/Kg		06/12/25 14:52	06/12/25 21:00	1
1,2-Dibromoethane	ND		1.0		ug/Kg		06/12/25 14:52	06/12/25 21:00	1
1,2-Dichlorobenzene	ND		1.0		ug/Kg		06/12/25 14:52	06/12/25 21:00	1
1,2-Dichloroethane	ND		1.0		ug/Kg		06/12/25 14:52	06/12/25 21:00	1
1,2-Dichloropropane	ND		1.0		ug/Kg		06/12/25 14:52	06/12/25 21:00	1
1,3,5-Trimethylbenzene	ND		2.0		ug/Kg		06/12/25 14:52	06/12/25 21:00	1
1,3-Dichlorobenzene	ND		1.0		ug/Kg		06/12/25 14:52	06/12/25 21:00	1
1,3-Dichloropropane	ND		1.0		ug/Kg		06/12/25 14:52	06/12/25 21:00	1
1,4-Dichlorobenzene	ND		1.0		ug/Kg		06/12/25 14:52	06/12/25 21:00	1
2,2-Dichloropropane	ND		5.0		ug/Kg		06/12/25 14:52	06/12/25 21:00	1
2-Butanone (MEK)	ND		20		ug/Kg		06/12/25 14:52	06/12/25 21:00	1
2-Chlorotoluene	ND		1.0		ug/Kg		06/12/25 14:52	06/12/25 21:00	1
2-Hexanone	ND		20		ug/Kg		06/12/25 14:52	06/12/25 21:00	1
4-Chlorotoluene	ND		1.0		ug/Kg		06/12/25 14:52	06/12/25 21:00	1
4-Methyl-2-pentanone (MIBK)	ND		20		ug/Kg		06/12/25 14:52	06/12/25 21:00	1
Acetone	ND		20		ug/Kg		06/12/25 14:52	06/12/25 21:00	1
Benzene	ND		1.0		ug/Kg		06/12/25 14:52	06/12/25 21:00	1
Bromobenzene	ND		1.0		ug/Kg		06/12/25 14:52	06/12/25 21:00	1
Bromochloromethane	ND		2.0		ug/Kg		06/12/25 14:52	06/12/25 21:00	1
Bromodichloromethane	ND		1.0		ug/Kg		06/12/25 14:52	06/12/25 21:00	1
Bromoform	ND		5.0		ug/Kg		06/12/25 14:52	06/12/25 21:00	1
Bromomethane	ND		20		ug/Kg		06/12/25 14:52	06/12/25 21:00	1
cis-1,2-Dichloroethene	ND		1.0		ug/Kg		06/12/25 14:52	06/12/25 21:00	1
cis-1,3-Dichloropropene	ND		1.0		ug/Kg		06/12/25 14:52	06/12/25 21:00	1
Carbon disulfide	ND		10		ug/Kg		06/12/25 14:52	06/12/25 21:00	1
Carbon tetrachloride	ND		1.0		ug/Kg		06/12/25 14:52	06/12/25 21:00	1
Chlorobenzene	ND		1.0		ug/Kg		06/12/25 14:52	06/12/25 21:00	1
Chloroethane	ND		2.0		ug/Kg		06/12/25 14:52	06/12/25 21:00	1
Chloroform	ND		1.0		ug/Kg		06/12/25 14:52	06/12/25 21:00	1
Chloromethane	ND		20		ug/Kg		06/12/25 14:52	06/12/25 21:00	1
Dibromochloromethane	ND		2.0		ug/Kg		06/12/25 14:52	06/12/25 21:00	1
Dibromomethane	ND		1.0		ug/Kg		06/12/25 14:52	06/12/25 21:00	1
Dichlorodifluoromethane	ND		2.0		ug/Kg		06/12/25 14:52	06/12/25 21:00	1
Di-isopropyl ether (DIPE)	ND		1.0		ug/Kg		06/12/25 14:52	06/12/25 21:00	1
Ethanol	ND		250		ug/Kg		06/12/25 14:52	06/12/25 21:00	1
Ethylbenzene	ND		1.0		ug/Kg		06/12/25 14:52	06/12/25 21:00	1
Ethyl-t-butyl ether (ETBE)	ND		1.0		ug/Kg		06/12/25 14:52	06/12/25 21:00	1
Isopropylbenzene	ND		1.0		ug/Kg		06/12/25 14:52	06/12/25 21:00	1
Methylene Chloride	ND		10		ug/Kg		06/12/25 14:52	06/12/25 21:00	1
Methyl-t-Butyl Ether (MTBE)	ND		2.0		ug/Kg		06/12/25 14:52	06/12/25 21:00	1
Naphthalene	ND		10		ug/Kg		06/12/25 14:52	06/12/25 21:00	1
n-Butylbenzene	ND		1.0		ug/Kg		06/12/25 14:52	06/12/25 21:00	1

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QC Sample Results

Client: Ninyo & Moore
Project/Site: LARAP Pacific Palisades & Rustic Canyons

Job ID: 570-233498-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-583296/3-A

Matrix: Solid

Analysis Batch: 583354

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 583296

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	ND		2.0		ug/Kg		06/12/25 14:52	06/12/25 21:00	1
o-Xylene	ND		1.0		ug/Kg		06/12/25 14:52	06/12/25 21:00	1
m,p-Xylene	ND		2.0		ug/Kg		06/12/25 14:52	06/12/25 21:00	1
p-Isopropyltoluene	ND		1.0		ug/Kg		06/12/25 14:52	06/12/25 21:00	1
sec-Butylbenzene	ND		1.0		ug/Kg		06/12/25 14:52	06/12/25 21:00	1
Styrene	ND		1.0		ug/Kg		06/12/25 14:52	06/12/25 21:00	1
trans-1,2-Dichloroethene	ND		1.0		ug/Kg		06/12/25 14:52	06/12/25 21:00	1
trans-1,3-Dichloropropene	ND		2.0		ug/Kg		06/12/25 14:52	06/12/25 21:00	1
Tert-amyl-methyl ether (TAME)	ND		1.0		ug/Kg		06/12/25 14:52	06/12/25 21:00	1
tert-Butyl alcohol (TBA)	ND		20		ug/Kg		06/12/25 14:52	06/12/25 21:00	1
tert-Butylbenzene	ND		1.0		ug/Kg		06/12/25 14:52	06/12/25 21:00	1
Tetrachloroethene	ND		1.0		ug/Kg		06/12/25 14:52	06/12/25 21:00	1
Toluene	ND		1.0		ug/Kg		06/12/25 14:52	06/12/25 21:00	1
Trichloroethene	ND		2.0		ug/Kg		06/12/25 14:52	06/12/25 21:00	1
Trichlorofluoromethane	ND		10		ug/Kg		06/12/25 14:52	06/12/25 21:00	1
Vinyl acetate	ND		10		ug/Kg		06/12/25 14:52	06/12/25 21:00	1
Vinyl chloride	ND		1.0		ug/Kg		06/12/25 14:52	06/12/25 21:00	1
Xylenes, Total	ND		2.0		ug/Kg		06/12/25 14:52	06/12/25 21:00	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	120		32 - 179	06/12/25 14:52	06/12/25 21:00	1
4-Bromofluorobenzene (Surr)	102		80 - 120	06/12/25 14:52	06/12/25 21:00	1
Dibromofluoromethane (Surr)	108		58 - 147	06/12/25 14:52	06/12/25 21:00	1
Toluene-d8 (Surr)	99		80 - 120	06/12/25 14:52	06/12/25 21:00	1

Lab Sample ID: LCS 570-583296/1-A

Matrix: Solid

Analysis Batch: 583354

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 583296

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	50.0	51.89		ug/Kg		104	80 - 125
1,1,1-Trichloroethane	50.0	53.80		ug/Kg		108	78 - 130
1,1,2,2-Tetrachloroethane	50.0	48.49		ug/Kg		97	80 - 124
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	47.82		ug/Kg		96	73 - 130
1,1,2-Trichloroethane	50.0	49.65		ug/Kg		99	80 - 123
1,1-Dichloroethane	50.0	49.94		ug/Kg		100	79 - 124
1,1-Dichloroethene	50.0	49.07		ug/Kg		98	74 - 132
1,1-Dichloropropene	50.0	51.24		ug/Kg		102	78 - 130
1,2,3-Trichlorobenzene	50.0	50.43		ug/Kg		101	80 - 123
1,2,3-Trichloropropane	50.0	57.39		ug/Kg		115	79 - 120
1,2,4-Trichlorobenzene	50.0	50.20		ug/Kg		100	80 - 125
1,2,4-Trimethylbenzene	50.0	51.23		ug/Kg		102	80 - 124
1,2-Dibromo-3-Chloropropane	50.0	57.36		ug/Kg		115	67 - 120
1,2-Dibromoethane	50.0	50.32		ug/Kg		101	80 - 120
1,2-Dichlorobenzene	50.0	47.42		ug/Kg		95	80 - 120
1,2-Dichloroethane	50.0	53.05		ug/Kg		106	77 - 120
1,2-Dichloropropane	50.0	47.03		ug/Kg		94	80 - 126
1,3,5-Trimethylbenzene	50.0	54.59		ug/Kg		109	80 - 121

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QC Sample Results

Client: Ninyo & Moore
Project/Site: LARAP Pacific Palisades & Rustic Canyons

Job ID: 570-233498-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-583296/1-A

Matrix: Solid

Analysis Batch: 583354

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 583296

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,3-Dichlorobenzene	50.0	48.48		ug/Kg		97	80 - 120
1,3-Dichloropropane	50.0	52.44		ug/Kg		105	80 - 120
1,4-Dichlorobenzene	50.0	47.07		ug/Kg		94	80 - 120
2,2-Dichloropropane	50.0	56.08		ug/Kg		112	73 - 135
2-Butanone (MEK)	50.0	48.60		ug/Kg		97	67 - 136
2-Chlorotoluene	50.0	53.71		ug/Kg		107	80 - 120
2-Hexanone	50.0	49.31		ug/Kg		99	70 - 137
4-Chlorotoluene	50.0	47.22		ug/Kg		94	80 - 121
4-Methyl-2-pentanone (MIBK)	50.0	45.98		ug/Kg		92	74 - 124
Acetone	50.0	52.75		ug/Kg		106	61 - 142
Benzene	50.0	46.49		ug/Kg		93	80 - 120
Bromobenzene	50.0	49.62		ug/Kg		99	80 - 120
Bromochloromethane	50.0	49.36		ug/Kg		99	80 - 120
Bromodichloromethane	50.0	55.96		ug/Kg		112	80 - 125
Bromoform	50.0	51.44		ug/Kg		103	74 - 138
Bromomethane	50.0	43.52		ug/Kg		87	58 - 136
cis-1,2-Dichloroethene	50.0	48.16		ug/Kg		96	80 - 124
cis-1,3-Dichloropropene	50.0	54.13		ug/Kg		108	80 - 123
Carbon disulfide	50.0	47.29		ug/Kg		95	68 - 128
Carbon tetrachloride	50.0	53.75		ug/Kg		107	75 - 140
Chlorobenzene	50.0	48.20		ug/Kg		96	80 - 120
Chloroethane	50.0	47.29		ug/Kg		95	76 - 137
Chloroform	50.0	51.67		ug/Kg		103	80 - 121
Chloromethane	50.0	45.18		ug/Kg		90	74 - 133
Dibromochloromethane	50.0	54.81		ug/Kg		110	80 - 132
Dibromomethane	50.0	53.63		ug/Kg		107	80 - 120
Dichlorodifluoromethane	50.0	49.46		ug/Kg		99	63 - 146
Di-isopropyl ether (DIPE)	50.0	49.06		ug/Kg		98	73 - 132
Ethanol	500	383.4		ug/Kg		77	46 - 159
Ethylbenzene	50.0	51.69		ug/Kg		103	80 - 120
Ethyl-t-butyl ether (ETBE)	50.0	50.41		ug/Kg		101	77 - 129
Isopropylbenzene	50.0	52.77		ug/Kg		106	80 - 122
Methylene Chloride	50.0	44.93		ug/Kg		90	74 - 120
Methyl-t-Butyl Ether (MTBE)	50.0	52.48		ug/Kg		105	79 - 123
Naphthalene	50.0	47.70		ug/Kg		95	79 - 121
n-Butylbenzene	50.0	51.53		ug/Kg		103	79 - 131
N-Propylbenzene	50.0	53.19		ug/Kg		106	80 - 122
o-Xylene	50.0	54.75		ug/Kg		110	80 - 120
m,p-Xylene	100	105.7		ug/Kg		106	80 - 120
p-Isopropyltoluene	50.0	50.08		ug/Kg		100	80 - 126
sec-Butylbenzene	50.0	50.17		ug/Kg		100	80 - 125
Styrene	50.0	51.07		ug/Kg		102	80 - 120
trans-1,2-Dichloroethene	50.0	48.83		ug/Kg		98	75 - 123
trans-1,3-Dichloropropene	50.0	58.10		ug/Kg		116	80 - 124
Tert-amyl-methyl ether (TAME)	50.0	52.96		ug/Kg		106	80 - 120
tert-Butyl alcohol (TBA)	250	233.1		ug/Kg		93	74 - 123
tert-Butylbenzene	50.0	47.67		ug/Kg		95	80 - 124
Tetrachloroethene	50.0	47.78		ug/Kg		96	80 - 122
Toluene	50.0	48.67		ug/Kg		97	80 - 120

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QC Sample Results

Client: Ninyo & Moore
Project/Site: LARAP Pacific Palisades & Rustic Canyons

Job ID: 570-233498-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-583296/1-A

Matrix: Solid

Analysis Batch: 583354

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 583296

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Trichloroethene	50.0	52.13		ug/Kg		104	80 - 127
Trichlorofluoromethane	50.0	56.56		ug/Kg		113	70 - 144
Vinyl acetate	50.0	50.42		ug/Kg		101	71 - 125
Vinyl chloride	50.0	47.23		ug/Kg		94	79 - 133

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	113		32 - 179
4-Bromofluorobenzene (Surr)	109		80 - 120
Dibromofluoromethane (Surr)	106		58 - 147
Toluene-d8 (Surr)	102		80 - 120

Lab Sample ID: LCSD 570-583296/2-A

Matrix: Solid

Analysis Batch: 583354

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 583296

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	50.0	55.60		ug/Kg		111	80 - 125	7	20
1,1,1-Trichloroethane	50.0	57.42		ug/Kg		115	78 - 130	6	20
1,1,2,2-Tetrachloroethane	50.0	55.91		ug/Kg		112	80 - 124	14	20
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	52.50		ug/Kg		105	73 - 130	9	20
1,1,2-Trichloroethane	50.0	52.59		ug/Kg		105	80 - 123	6	20
1,1-Dichloroethane	50.0	52.31		ug/Kg		105	79 - 124	5	20
1,1-Dichloroethene	50.0	52.56		ug/Kg		105	74 - 132	7	20
1,1-Dichloropropene	50.0	53.72		ug/Kg		107	78 - 130	5	20
1,2,3-Trichlorobenzene	50.0	53.75		ug/Kg		108	80 - 123	6	20
1,2,3-Trichloropropane	50.0	60.53	*+ me	ug/Kg		121	79 - 120	5	20
1,2,4-Trichlorobenzene	50.0	56.53		ug/Kg		113	80 - 125	12	20
1,2,4-Trimethylbenzene	50.0	54.51		ug/Kg		109	80 - 124	6	20
1,2-Dibromo-3-Chloropropane	50.0	60.87	*+ me	ug/Kg		122	67 - 120	6	20
1,2-Dibromoethane	50.0	54.08		ug/Kg		108	80 - 120	7	20
1,2-Dichlorobenzene	50.0	50.31		ug/Kg		101	80 - 120	6	20
1,2-Dichloroethane	50.0	53.80		ug/Kg		108	77 - 120	1	20
1,2-Dichloropropane	50.0	47.14		ug/Kg		94	80 - 126	0	20
1,3,5-Trimethylbenzene	50.0	58.35		ug/Kg		117	80 - 121	7	20
1,3-Dichlorobenzene	50.0	51.95		ug/Kg		104	80 - 120	7	20
1,3-Dichloropropane	50.0	54.29		ug/Kg		109	80 - 120	3	20
1,4-Dichlorobenzene	50.0	50.33		ug/Kg		101	80 - 120	7	20
2,2-Dichloropropane	50.0	60.42		ug/Kg		121	73 - 135	7	20
2-Butanone (MEK)	50.0	51.20		ug/Kg		102	67 - 136	5	20
2-Chlorotoluene	50.0	56.96		ug/Kg		114	80 - 120	6	20
2-Hexanone	50.0	58.84		ug/Kg		118	70 - 137	18	20
4-Chlorotoluene	50.0	50.59		ug/Kg		101	80 - 121	7	20
4-Methyl-2-pentanone (MIBK)	50.0	46.87		ug/Kg		94	74 - 124	2	20
Acetone	50.0	41.94		ug/Kg		84	61 - 142	23	23
Benzene	50.0	47.60		ug/Kg		95	80 - 120	2	20
Bromobenzene	50.0	51.29		ug/Kg		103	80 - 120	3	20
Bromochloromethane	50.0	50.64		ug/Kg		101	80 - 120	3	20
Bromodichloromethane	50.0	57.99		ug/Kg		116	80 - 125	4	20

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QC Sample Results

Client: Ninyo & Moore
Project/Site: LARAP Pacific Palisades & Rustic Canyons

Job ID: 570-233498-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-583296/2-A

Matrix: Solid

Analysis Batch: 583354

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 583296

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Bromoform	50.0	54.79		ug/Kg		110	74 - 138	6	20
Bromomethane	50.0	44.82		ug/Kg		90	58 - 136	3	20
cis-1,2-Dichloroethene	50.0	49.51		ug/Kg		99	80 - 124	3	20
cis-1,3-Dichloropropene	50.0	56.98		ug/Kg		114	80 - 123	5	20
Carbon disulfide	50.0	50.23		ug/Kg		100	68 - 128	6	20
Carbon tetrachloride	50.0	57.22		ug/Kg		114	75 - 140	6	20
Chlorobenzene	50.0	50.68		ug/Kg		101	80 - 120	5	20
Chloroethane	50.0	49.72		ug/Kg		99	76 - 137	5	20
Chloroform	50.0	52.84		ug/Kg		106	80 - 121	2	20
Chloromethane	50.0	46.41		ug/Kg		93	74 - 133	3	20
Dibromochloromethane	50.0	57.43		ug/Kg		115	80 - 132	5	20
Dibromomethane	50.0	56.17		ug/Kg		112	80 - 120	5	20
Dichlorodifluoromethane	50.0	51.92		ug/Kg		104	63 - 146	5	20
Di-isopropyl ether (DIPE)	50.0	51.51		ug/Kg		103	73 - 132	5	20
Ethanol	500	430.8		ug/Kg		86	46 - 159	12	30
Ethylbenzene	50.0	55.16		ug/Kg		110	80 - 120	6	20
Ethyl-t-butyl ether (ETBE)	50.0	53.30		ug/Kg		107	77 - 129	6	20
Isopropylbenzene	50.0	58.12		ug/Kg		116	80 - 122	10	20
Methylene Chloride	50.0	47.50		ug/Kg		95	74 - 120	6	20
Methyl-t-Butyl Ether (MTBE)	50.0	55.29		ug/Kg		111	79 - 123	5	20
Naphthalene	50.0	51.12		ug/Kg		102	79 - 121	7	20
n-Butylbenzene	50.0	57.24		ug/Kg		114	79 - 131	11	20
N-Propylbenzene	50.0	57.71		ug/Kg		115	80 - 122	8	20
o-Xylene	50.0	57.77		ug/Kg		116	80 - 120	5	20
m,p-Xylene	100	111.3		ug/Kg		111	80 - 120	5	20
p-Isopropyltoluene	50.0	54.47		ug/Kg		109	80 - 126	8	20
sec-Butylbenzene	50.0	54.54		ug/Kg		109	80 - 125	8	20
Styrene	50.0	54.29		ug/Kg		109	80 - 120	6	20
trans-1,2-Dichloroethene	50.0	48.83		ug/Kg		98	75 - 123	0	20
trans-1,3-Dichloropropene	50.0	60.24		ug/Kg		120	80 - 124	4	20
Tert-amyl-methyl ether (TAME)	50.0	54.82		ug/Kg		110	80 - 120	3	20
tert-Butyl alcohol (TBA)	250	227.7		ug/Kg		91	74 - 123	2	20
tert-Butylbenzene	50.0	51.70		ug/Kg		103	80 - 124	8	20
Tetrachloroethene	50.0	50.78		ug/Kg		102	80 - 122	6	20
Toluene	50.0	50.46		ug/Kg		101	80 - 120	4	20
Trichloroethene	50.0	53.22		ug/Kg		106	80 - 127	2	20
Trichlorofluoromethane	50.0	59.44		ug/Kg		119	70 - 144	5	20
Vinyl acetate	50.0	55.44		ug/Kg		111	71 - 125	9	20
Vinyl chloride	50.0	50.76		ug/Kg		102	79 - 133	7	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	113		32 - 179
4-Bromofluorobenzene (Surr)	110		80 - 120
Dibromofluoromethane (Surr)	108		58 - 147
Toluene-d8 (Surr)	101		80 - 120

QC Sample Results

Client: Ninyo & Moore
Project/Site: LARAP Pacific Palisades & Rustic Canyons

Job ID: 570-233498-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 570-233986-A-6-A MS

Matrix: Solid

Analysis Batch: 583354

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 583296

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	ND		49.2	51.86		ug/Kg		105	61 - 129
1,1,1-Trichloroethane	ND		49.2	54.71		ug/Kg		111	67 - 125
1,1,2,2-Tetrachloroethane	ND		49.2	47.30		ug/Kg		96	20 - 164
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		49.2	48.49		ug/Kg		99	62 - 125
1,1,2-Trichloroethane	ND		49.2	47.61		ug/Kg		97	52 - 134
1,1-Dichloroethane	ND		49.2	49.51		ug/Kg		101	66 - 125
1,1-Dichloroethene	ND		49.2	49.62		ug/Kg		101	60 - 125
1,1-Dichloropropene	ND		49.2	51.57		ug/Kg		105	69 - 125
1,2,3-Trichlorobenzene	ND		49.2	46.54		ug/Kg		95	20 - 145
1,2,3-Trichloropropane	ND	+	49.2	54.66		ug/Kg		111	53 - 128
1,2,4-Trichlorobenzene	ND		49.2	47.52		ug/Kg		97	20 - 146
1,2,4-Trimethylbenzene	ND		49.2	51.13		ug/Kg		104	51 - 129
1,2-Dibromo-3-Chloropropane	ND	+	49.2	53.73		ug/Kg		109	33 - 126
1,2-Dibromoethane	ND		49.2	48.18		ug/Kg		98	65 - 125
1,2-Dichlorobenzene	ND		49.2	46.40		ug/Kg		94	47 - 130
1,2-Dichloroethane	ND		49.2	50.41		ug/Kg		102	66 - 127
1,2-Dichloropropane	ND		49.2	44.38		ug/Kg		90	70 - 125
1,3,5-Trimethylbenzene	ND		49.2	54.01		ug/Kg		110	50 - 132
1,3-Dichlorobenzene	ND		49.2	46.26		ug/Kg		94	48 - 128
1,3-Dichloropropane	ND		49.2	48.89		ug/Kg		99	66 - 125
1,4-Dichlorobenzene	ND		49.2	46.28		ug/Kg		94	47 - 127
2,2-Dichloropropane	ND		49.2	56.38		ug/Kg		115	61 - 128
2-Butanone (MEK)	ND		49.2	43.53		ug/Kg		88	48 - 134
2-Chlorotoluene	ND		49.2	52.73		ug/Kg		107	54 - 127
2-Hexanone	ND		49.2	46.53		ug/Kg		95	48 - 136
4-Chlorotoluene	ND		49.2	46.76		ug/Kg		95	54 - 125
4-Methyl-2-pentanone (MIBK)	ND		49.2	42.35		ug/Kg		86	55 - 133
Acetone	ND		49.2	42.79		ug/Kg		66	30 - 175
Benzene	ND		49.2	44.68		ug/Kg		91	70 - 125
Bromobenzene	ND		49.2	47.96		ug/Kg		97	57 - 129
Bromochloromethane	ND		49.2	46.27		ug/Kg		94	67 - 125
Bromodichloromethane	ND		49.2	54.29		ug/Kg		110	64 - 130
Bromoform	ND		49.2	47.42		ug/Kg		96	49 - 133
Bromomethane	ND		49.2	40.70		ug/Kg		83	30 - 149
cis-1,2-Dichloroethene	ND		49.2	47.55		ug/Kg		97	71 - 125
cis-1,3-Dichloropropene	ND		49.2	50.22		ug/Kg		102	63 - 126
Carbon disulfide	ND		49.2	47.40		ug/Kg		96	53 - 125
Carbon tetrachloride	ND		49.2	54.60		ug/Kg		111	60 - 130
Chlorobenzene	ND		49.2	46.27		ug/Kg		94	65 - 125
Chloroethane	ND		49.2	42.37		ug/Kg		86	51 - 131
Chloroform	ND		49.2	50.34		ug/Kg		102	70 - 125
Chloromethane	ND		49.2	36.50		ug/Kg		74	43 - 125
Dibromochloromethane	ND		49.2	52.39		ug/Kg		106	56 - 132
Dibromomethane	ND		49.2	52.13		ug/Kg		106	67 - 127
Dichlorodifluoromethane	ND		49.2	41.78		ug/Kg		85	47 - 127
Di-isopropyl ether (DIPE)	ND		49.2	46.28		ug/Kg		94	62 - 125
Ethanol	ND	F2	492	480.2		ug/Kg		98	21 - 168
Ethylbenzene	ND		49.2	50.88		ug/Kg		103	64 - 125

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QC Sample Results

Client: Ninyo & Moore
Project/Site: LARAP Pacific Palisades & Rustic Canyons

Job ID: 570-233498-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 570-233986-A-6-A MS

Matrix: Solid

Analysis Batch: 583354

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 583296

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethyl-t-butyl ether (ETBE)	ND		49.2	47.69		ug/Kg		97	61 - 125
Isopropylbenzene	ND		49.2	53.08		ug/Kg		108	59 - 129
Methylene Chloride	ND		49.2	45.85		ug/Kg		93	60 - 125
Methyl-t-Butyl Ether (MTBE)	ND		49.2	49.06		ug/Kg		100	61 - 125
Naphthalene	ND		49.2	44.12		ug/Kg		90	25 - 136
n-Butylbenzene	ND		49.2	51.84		ug/Kg		105	35 - 135
N-Propylbenzene	ND		49.2	53.46		ug/Kg		109	52 - 131
o-Xylene	ND		49.2	53.08		ug/Kg		108	59 - 128
m,p-Xylene	ND		98.4	103.1		ug/Kg		105	60 - 125
p-Isopropyltoluene	ND		49.2	50.67		ug/Kg		103	46 - 132
sec-Butylbenzene	ND		49.2	50.88		ug/Kg		103	47 - 131
Styrene	ND		49.2	49.41		ug/Kg		100	58 - 128
trans-1,2-Dichloroethene	ND		49.2	46.09		ug/Kg		94	67 - 125
trans-1,3-Dichloropropene	ND		49.2	52.80		ug/Kg		107	59 - 132
Tert-amyl-methyl ether (TAME)	ND		49.2	49.42		ug/Kg		100	66 - 127
tert-Butyl alcohol (TBA)	ND		246	240.0		ug/Kg		98	50 - 142
tert-Butylbenzene	ND		49.2	49.54		ug/Kg		101	53 - 126
Tetrachloroethene	ND		49.2	45.53		ug/Kg		93	62 - 129
Toluene	ND		49.2	46.70		ug/Kg		95	68 - 125
Trichloroethene	ND		49.2	50.37		ug/Kg		102	41 - 169
Trichlorofluoromethane	ND		49.2	51.96		ug/Kg		106	63 - 128
Vinyl acetate	ND		49.2	40.52		ug/Kg		82	20 - 154
Vinyl chloride	ND		49.2	39.88		ug/Kg		81	59 - 125

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	115		32 - 179
4-Bromofluorobenzene (Surr)	109		80 - 120
Dibromofluoromethane (Surr)	107		58 - 147
Toluene-d8 (Surr)	100		80 - 120

Lab Sample ID: 570-233986-A-6-B MSD

Matrix: Solid

Analysis Batch: 583354

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 583296

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	ND		49.3	50.33		ug/Kg		102	61 - 129	3	23
1,1,1-Trichloroethane	ND		49.3	54.25		ug/Kg		110	67 - 125	1	20
1,1,2,2-Tetrachloroethane	ND		49.3	47.19		ug/Kg		96	20 - 164	0	40
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		49.3	48.12		ug/Kg		98	62 - 125	1	20
1,1,2-Trichloroethane	ND		49.3	46.09		ug/Kg		93	52 - 134	3	25
1,1-Dichloroethane	ND		49.3	50.29		ug/Kg		102	66 - 125	2	20
1,1-Dichloroethene	ND		49.3	49.50		ug/Kg		100	60 - 125	0	20
1,1-Dichloropropene	ND		49.3	51.24		ug/Kg		104	69 - 125	1	20
1,2,3-Trichlorobenzene	ND		49.3	44.55		ug/Kg		90	20 - 145	4	39
1,2,3-Trichloropropane	ND	++	49.3	50.88		ug/Kg		103	53 - 128	7	25
1,2,4-Trichlorobenzene	ND		49.3	44.21		ug/Kg		90	20 - 146	7	38
1,2,4-Trimethylbenzene	ND		49.3	49.88		ug/Kg		101	51 - 129	2	27
1,2-Dibromo-3-Chloropropane	ND	++	49.3	51.39		ug/Kg		104	33 - 126	4	29

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QC Sample Results

Client: Ninyo & Moore
Project/Site: LARAP Pacific Palisades & Rustic Canyons

Job ID: 570-233498-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 570-233986-A-6-B MSD

Matrix: Solid

Analysis Batch: 583354

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 583296

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2-Dibromoethane	ND		49.3	46.25		ug/Kg		94	65 - 125	4	21
1,2-Dichlorobenzene	ND		49.3	44.82		ug/Kg		91	47 - 130	3	29
1,2-Dichloroethane	ND		49.3	50.61		ug/Kg		103	66 - 127	0	20
1,2-Dichloropropane	ND		49.3	45.50		ug/Kg		92	70 - 125	2	20
1,3,5-Trimethylbenzene	ND		49.3	52.11		ug/Kg		106	50 - 132	4	29
1,3-Dichlorobenzene	ND		49.3	45.44		ug/Kg		92	48 - 128	2	28
1,3-Dichloropropane	ND		49.3	47.70		ug/Kg		97	66 - 125	2	20
1,4-Dichlorobenzene	ND		49.3	44.47		ug/Kg		90	47 - 127	4	28
2,2-Dichloropropane	ND		49.3	56.13		ug/Kg		114	61 - 128	0	20
2-Butanone (MEK)	ND		49.3	45.92		ug/Kg		93	48 - 134	5	24
2-Chlorotoluene	ND		49.3	50.10		ug/Kg		102	54 - 127	5	27
2-Hexanone	ND		49.3	41.59		ug/Kg		84	48 - 136	11	28
4-Chlorotoluene	ND		49.3	46.18		ug/Kg		94	54 - 125	1	26
4-Methyl-2-pentanone (MIBK)	ND		49.3	38.97		ug/Kg		79	55 - 133	8	23
Acetone	ND		49.3	39.84		ug/Kg		60	30 - 175	7	30
Benzene	ND		49.3	46.22		ug/Kg		94	70 - 125	3	20
Bromobenzene	ND		49.3	46.92		ug/Kg		95	57 - 129	2	26
Bromochloromethane	ND		49.3	46.47		ug/Kg		94	67 - 125	0	20
Bromodichloromethane	ND		49.3	53.72		ug/Kg		109	64 - 130	1	20
Bromoform	ND		49.3	47.10		ug/Kg		96	49 - 133	1	27
Bromomethane	ND		49.3	41.33		ug/Kg		84	30 - 149	2	31
cis-1,2-Dichloroethene	ND		49.3	46.44		ug/Kg		94	71 - 125	2	20
cis-1,3-Dichloropropene	ND		49.3	51.58		ug/Kg		105	63 - 126	3	20
Carbon disulfide	ND		49.3	48.59		ug/Kg		99	53 - 125	2	20
Carbon tetrachloride	ND		49.3	53.42		ug/Kg		108	60 - 130	2	20
Chlorobenzene	ND		49.3	46.35		ug/Kg		94	65 - 125	0	22
Chloroethane	ND		49.3	45.86		ug/Kg		93	51 - 131	8	21
Chloroform	ND		49.3	49.71		ug/Kg		101	70 - 125	1	20
Chloromethane	ND		49.3	41.83		ug/Kg		85	43 - 125	14	21
Dibromochloromethane	ND		49.3	50.85		ug/Kg		103	56 - 132	3	24
Dibromomethane	ND		49.3	51.82		ug/Kg		105	67 - 127	1	20
Dichlorodifluoromethane	ND		49.3	46.75		ug/Kg		95	47 - 127	11	20
Di-isopropyl ether (DIPE)	ND		49.3	47.62		ug/Kg		97	62 - 125	3	20
Ethanol	ND	F2	493	ND	F2	ug/Kg		49	21 - 168	67	40
Ethylbenzene	ND		49.3	50.26		ug/Kg		102	64 - 125	1	22
Ethyl-t-butyl ether (ETBE)	ND		49.3	48.99		ug/Kg		99	61 - 125	3	20
Isopropylbenzene	ND		49.3	52.32		ug/Kg		106	59 - 129	1	26
Methylene Chloride	ND		49.3	46.90		ug/Kg		95	60 - 125	2	20
Methyl-t-Butyl Ether (MTBE)	ND		49.3	49.11		ug/Kg		100	61 - 125	0	20
Naphthalene	ND		49.3	42.18		ug/Kg		86	25 - 136	5	32
n-Butylbenzene	ND		49.3	49.73		ug/Kg		101	35 - 135	4	35
N-Propylbenzene	ND		49.3	51.48		ug/Kg		104	52 - 131	4	27
o-Xylene	ND		49.3	53.13		ug/Kg		108	59 - 128	0	24
m,p-Xylene	ND		98.6	99.74		ug/Kg		101	60 - 125	3	24
p-Isopropyltoluene	ND		49.3	48.18		ug/Kg		98	46 - 132	5	30
sec-Butylbenzene	ND		49.3	49.23		ug/Kg		100	47 - 131	3	30
Styrene	ND		49.3	48.29		ug/Kg		98	58 - 128	2	24
trans-1,2-Dichloroethene	ND		49.3	47.08		ug/Kg		95	67 - 125	2	20
trans-1,3-Dichloropropene	ND		49.3	52.08		ug/Kg		106	59 - 132	1	22

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QC Sample Results

Client: Ninyo & Moore
Project/Site: LARAP Pacific Palisades & Rustic Canyons

Job ID: 570-233498-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 570-233986-A-6-B MSD

Matrix: Solid

Analysis Batch: 583354

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 583296

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Tert-amyl-methyl ether (TAME)	ND		49.3	50.32		ug/Kg		102	66 - 127	2	20
tert-Butyl alcohol (TBA)	ND		247	216.2		ug/Kg		88	50 - 142	10	27
tert-Butylbenzene	ND		49.3	47.65		ug/Kg		97	53 - 126	4	28
Tetrachloroethene	ND		49.3	45.80		ug/Kg		93	62 - 129	1	21
Toluene	ND		49.3	47.07		ug/Kg		95	68 - 125	1	20
Trichloroethene	ND		49.3	50.59		ug/Kg		103	41 - 169	0	21
Trichlorofluoromethane	ND		49.3	54.56		ug/Kg		111	63 - 128	5	20
Vinyl acetate	ND		49.3	34.81		ug/Kg		71	20 - 154	15	40
Vinyl chloride	ND		49.3	44.93		ug/Kg		91	59 - 125	12	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	112		32 - 179
4-Bromofluorobenzene (Surr)	108		80 - 120
Dibromofluoromethane (Surr)	105		58 - 147
Toluene-d8 (Surr)	103		80 - 120

Method: 8270C SIM - PAHs (GC/MS SIM)

Lab Sample ID: MB 570-583699/1-A

Matrix: Solid

Analysis Batch: 585557

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 583699

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.020		mg/Kg		06/13/25 09:36	06/17/25 21:19	1
2-Methylnaphthalene	ND		0.020		mg/Kg		06/13/25 09:36	06/17/25 21:19	1
Acenaphthene	ND		0.020		mg/Kg		06/13/25 09:36	06/17/25 21:19	1
Acenaphthylene	ND		0.020		mg/Kg		06/13/25 09:36	06/17/25 21:19	1
Anthracene	ND		0.020		mg/Kg		06/13/25 09:36	06/17/25 21:19	1
Benzo[g,h,i]perylene	ND		0.020		mg/Kg		06/13/25 09:36	06/17/25 21:19	1
Benzo[k]fluoranthene	ND		0.020		mg/Kg		06/13/25 09:36	06/17/25 21:19	1
Benzo[a]anthracene	ND		0.020		mg/Kg		06/13/25 09:36	06/17/25 21:19	1
Benzo[a]pyrene	ND		0.020		mg/Kg		06/13/25 09:36	06/17/25 21:19	1
Benzo[b]fluoranthene	ND		0.020		mg/Kg		06/13/25 09:36	06/17/25 21:19	1
Chrysene	ND		0.020		mg/Kg		06/13/25 09:36	06/17/25 21:19	1
Dibenz[a,h]anthracene	ND		0.020		mg/Kg		06/13/25 09:36	06/17/25 21:19	1
Fluoranthene	ND		0.020		mg/Kg		06/13/25 09:36	06/17/25 21:19	1
Fluorene	ND		0.020		mg/Kg		06/13/25 09:36	06/17/25 21:19	1
Indeno[1,2,3-cd]pyrene	ND		0.020		mg/Kg		06/13/25 09:36	06/17/25 21:19	1
Naphthalene	ND		0.020		mg/Kg		06/13/25 09:36	06/17/25 21:19	1
Phenanthrene	ND		0.020		mg/Kg		06/13/25 09:36	06/17/25 21:19	1
Pyrene	ND		0.020		mg/Kg		06/13/25 09:36	06/17/25 21:19	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	88		22 - 130	06/13/25 09:36	06/17/25 21:19	1
Nitrobenzene-d5 (Surr)	93		20 - 145	06/13/25 09:36	06/17/25 21:19	1
p-Terphenyl-d14 (Surr)	97		33 - 147	06/13/25 09:36	06/17/25 21:19	1

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QC Sample Results

Client: Ninyo & Moore
Project/Site: LARAP Pacific Palisades & Rustic Canyons

Job ID: 570-233498-1

Method: 8270C SIM - PAHs (GC/MS SIM) (Continued)

Lab Sample ID: LCS 570-583699/2-A

Matrix: Solid

Analysis Batch: 585557

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 583699

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1-Methylnaphthalene	0.995	0.9511		mg/Kg		96	54 - 132
2-Methylnaphthalene	0.995	1.045		mg/Kg		105	50 - 127
Acenaphthene	0.995	0.9581		mg/Kg		96	53 - 125
Acenaphthylene	0.995	0.9634		mg/Kg		97	50 - 123
Anthracene	0.995	0.9645		mg/Kg		97	50 - 132
Benzo[g,h,i]perylene	0.995	0.9433		mg/Kg		95	50 - 130
Benzo[k]fluoranthene	0.995	0.9413		mg/Kg		95	49 - 150
Benzo[a]anthracene	0.995	0.9479		mg/Kg		95	50 - 133
Benzo[a]pyrene	0.995	0.9229		mg/Kg		93	50 - 134
Benzo[b]fluoranthene	0.995	0.9486		mg/Kg		95	50 - 142
Chrysene	0.995	1.013		mg/Kg		102	51 - 129
Dibenz(a,h)anthracene	0.995	0.9573		mg/Kg		96	50 - 133
Fluoranthene	0.995	1.055		mg/Kg		106	55 - 127
Fluorene	0.995	0.9885		mg/Kg		99	55 - 127
Indeno[1,2,3-cd]pyrene	0.995	0.9204		mg/Kg		93	50 - 148
Naphthalene	0.995	0.9088		mg/Kg		91	51 - 129
Phenanthrene	0.995	0.9444		mg/Kg		95	50 - 122
Pyrene	0.995	0.9473		mg/Kg		95	50 - 134

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2-Fluorobiphenyl (Surr)	93		22 - 130
Nitrobenzene-d5 (Surr)	85		20 - 145
p-Terphenyl-d14 (Surr)	94		33 - 147

Lab Sample ID: LCSD 570-583699/3-A

Matrix: Solid

Analysis Batch: 585557

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 583699

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
1-Methylnaphthalene	0.996	0.9517		mg/Kg		96	54 - 132	0	20
2-Methylnaphthalene	0.996	1.046		mg/Kg		105	50 - 127	0	20
Acenaphthene	0.996	0.9329		mg/Kg		94	53 - 125	3	20
Acenaphthylene	0.996	0.9362		mg/Kg		94	50 - 123	3	20
Anthracene	0.996	0.9579		mg/Kg		96	50 - 132	1	20
Benzo[g,h,i]perylene	0.996	0.9168		mg/Kg		92	50 - 130	3	20
Benzo[k]fluoranthene	0.996	0.9407		mg/Kg		94	49 - 150	0	20
Benzo[a]anthracene	0.996	0.9298		mg/Kg		93	50 - 133	2	20
Benzo[a]pyrene	0.996	0.9028		mg/Kg		91	50 - 134	2	20
Benzo[b]fluoranthene	0.996	0.9187		mg/Kg		92	50 - 142	3	20
Chrysene	0.996	0.9902		mg/Kg		99	51 - 129	2	20
Dibenz(a,h)anthracene	0.996	0.9244		mg/Kg		93	50 - 133	3	20
Fluoranthene	0.996	1.038		mg/Kg		104	55 - 127	2	20
Fluorene	0.996	0.9615		mg/Kg		97	55 - 127	3	20
Indeno[1,2,3-cd]pyrene	0.996	0.9094		mg/Kg		91	50 - 148	1	20
Naphthalene	0.996	0.9020		mg/Kg		91	51 - 129	1	20
Phenanthrene	0.996	0.9358		mg/Kg		94	50 - 122	1	20
Pyrene	0.996	0.9324		mg/Kg		94	50 - 134	2	20

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QC Sample Results

Client: Ninyo & Moore
Project/Site: LARAP Pacific Palisades & Rustic Canyons

Job ID: 570-233498-1

Method: 8270C SIM - PAHs (GC/MS SIM) (Continued)

Lab Sample ID: LCSD 570-583699/3-A

Matrix: Solid

Analysis Batch: 585557

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 583699

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
2-Fluorobiphenyl (Surr)	88		22 - 130
Nitrobenzene-d5 (Surr)	84		20 - 145
p-Terphenyl-d14 (Surr)	91		33 - 147

Lab Sample ID: 570-233498-1 MS

Matrix: Solid

Analysis Batch: 585557

Client Sample ID: RC-1

Prep Type: Total/NA

Prep Batch: 583699

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1-Methylnaphthalene	ND		1.00	0.8690		mg/Kg		87	34 - 136
2-Methylnaphthalene	ND		1.00	0.9667		mg/Kg		96	29 - 137
Acenaphthene	ND		1.00	0.8770		mg/Kg		87	29 - 137
Acenaphthylene	ND		1.00	0.8521		mg/Kg		85	29 - 131
Anthracene	ND		1.00	0.8841		mg/Kg		88	26 - 134
Benzo[g,h,i]perylene	ND		1.00	0.8609		mg/Kg		86	20 - 148
Benzo[k]fluoranthene	ND		1.00	0.9065		mg/Kg		90	28 - 148
Benzo[a]anthracene	ND		1.00	0.8965		mg/Kg		89	24 - 150
Benzo[a]pyrene	ND		1.00	0.8709		mg/Kg		87	29 - 149
Benzo[b]fluoranthene	ND		1.00	0.8941		mg/Kg		89	21 - 153
Chrysene	ND		1.00	0.9418		mg/Kg		94	25 - 145
Dibenz(a,h)anthracene	ND		1.00	0.8624		mg/Kg		86	20 - 132
Fluoranthene	ND		1.00	1.017		mg/Kg		101	20 - 151
Fluorene	ND		1.00	0.9038		mg/Kg		90	36 - 132
Indeno[1,2,3-cd]pyrene	ND		1.00	0.8556		mg/Kg		85	20 - 154
Naphthalene	ND		1.00	0.8185		mg/Kg		82	20 - 150
Phenanthrene	ND		1.00	0.8809		mg/Kg		88	20 - 144
Pyrene	ND		1.00	0.8982		mg/Kg		89	20 - 150

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
2-Fluorobiphenyl (Surr)	82		22 - 130
Nitrobenzene-d5 (Surr)	75		20 - 145
p-Terphenyl-d14 (Surr)	85		33 - 147

Lab Sample ID: 570-233498-1 MSD

Matrix: Solid

Analysis Batch: 585557

Client Sample ID: RC-1

Prep Type: Total/NA

Prep Batch: 583699

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1-Methylnaphthalene	ND		1.01	0.8833		mg/Kg		88	34 - 136	2	29
2-Methylnaphthalene	ND		1.01	0.9591		mg/Kg		95	29 - 137	1	31
Acenaphthene	ND		1.01	0.9122		mg/Kg		91	29 - 137	4	28
Acenaphthylene	ND		1.01	0.9068		mg/Kg		90	29 - 131	6	32
Anthracene	ND		1.01	0.9204		mg/Kg		92	26 - 134	4	27
Benzo[g,h,i]perylene	ND		1.01	0.9363		mg/Kg		93	20 - 148	8	27
Benzo[k]fluoranthene	ND		1.01	0.9396		mg/Kg		93	28 - 148	4	26
Benzo[a]anthracene	ND		1.01	0.9474		mg/Kg		94	24 - 150	6	24
Benzo[a]pyrene	ND		1.01	0.9161		mg/Kg		91	29 - 149	5	22
Benzo[b]fluoranthene	ND		1.01	0.9516		mg/Kg		95	21 - 153	6	26

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QC Sample Results

Client: Ninyo & Moore
Project/Site: LARAP Pacific Palisades & Rustic Canyons

Job ID: 570-233498-1

Method: 8270C SIM - PAHs (GC/MS SIM) (Continued)

Lab Sample ID: 570-233498-1 MSD

Matrix: Solid

Analysis Batch: 585557

Client Sample ID: RC-1

Prep Type: Total/NA

Prep Batch: 583699

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chrysene	ND		1.01	0.9708		mg/Kg		97	25 - 145	3	28
Dibenz(a,h)anthracene	ND		1.01	0.9445		mg/Kg		94	20 - 132	9	26
Fluoranthene	ND		1.01	1.048		mg/Kg		104	20 - 151	3	26
Fluorene	ND		1.01	0.9615		mg/Kg		96	36 - 132	6	27
Indeno[1,2,3-cd]pyrene	ND		1.01	0.9427		mg/Kg		94	20 - 154	10	25
Naphthalene	ND		1.01	0.8256		mg/Kg		82	20 - 150	1	33
Phenanthrene	ND		1.01	0.9271		mg/Kg		92	20 - 144	5	27
Pyrene	ND		1.01	0.9289		mg/Kg		92	20 - 150	3	32

Surrogate	MSD %Recovery	MSD Qualifier	Limits
2-Fluorobiphenyl (Surr)	84		22 - 130
Nitrobenzene-d5 (Surr)	77		20 - 145
p-Terphenyl-d14 (Surr)	89		33 - 147

Lab Sample ID: MB 570-583713/1-A

Matrix: Solid

Analysis Batch: 584596

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 583713

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.020		mg/Kg		06/13/25 09:39	06/16/25 10:00	1
2-Methylnaphthalene	ND		0.020		mg/Kg		06/13/25 09:39	06/16/25 10:00	1
Acenaphthene	ND		0.020		mg/Kg		06/13/25 09:39	06/16/25 10:00	1
Acenaphthylene	ND		0.020		mg/Kg		06/13/25 09:39	06/16/25 10:00	1
Anthracene	ND		0.020		mg/Kg		06/13/25 09:39	06/16/25 10:00	1
Benzo[g,h,i]perylene	ND		0.020		mg/Kg		06/13/25 09:39	06/16/25 10:00	1
Benzo[k]fluoranthene	ND		0.020		mg/Kg		06/13/25 09:39	06/16/25 10:00	1
Benzo[a]anthracene	ND		0.020		mg/Kg		06/13/25 09:39	06/16/25 10:00	1
Benzo[a]pyrene	ND		0.020		mg/Kg		06/13/25 09:39	06/16/25 10:00	1
Benzo[b]fluoranthene	ND		0.020		mg/Kg		06/13/25 09:39	06/16/25 10:00	1
Chrysene	ND		0.020		mg/Kg		06/13/25 09:39	06/16/25 10:00	1
Dibenz(a,h)anthracene	ND		0.020		mg/Kg		06/13/25 09:39	06/16/25 10:00	1
Fluoranthene	ND		0.020		mg/Kg		06/13/25 09:39	06/16/25 10:00	1
Fluorene	ND		0.020		mg/Kg		06/13/25 09:39	06/16/25 10:00	1
Indeno[1,2,3-cd]pyrene	ND		0.020		mg/Kg		06/13/25 09:39	06/16/25 10:00	1
Naphthalene	ND		0.020		mg/Kg		06/13/25 09:39	06/16/25 10:00	1
Phenanthrene	ND		0.020		mg/Kg		06/13/25 09:39	06/16/25 10:00	1
Pyrene	ND		0.020		mg/Kg		06/13/25 09:39	06/16/25 10:00	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	97		22 - 130	06/13/25 09:39	06/16/25 10:00	1
Nitrobenzene-d5 (Surr)	93		20 - 145	06/13/25 09:39	06/16/25 10:00	1
p-Terphenyl-d14 (Surr)	98		33 - 147	06/13/25 09:39	06/16/25 10:00	1

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QC Sample Results

Client: Ninyo & Moore
Project/Site: LARAP Pacific Palisades & Rustic Canyons

Job ID: 570-233498-1

Method: 8270C SIM - PAHs (GC/MS SIM) (Continued)

Lab Sample ID: LCS 570-583713/2-A

Matrix: Solid

Analysis Batch: 584596

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 583713

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1-Methylnaphthalene	0.997	0.9008		mg/Kg		90	54 - 132
2-Methylnaphthalene	0.997	0.8975		mg/Kg		90	50 - 127
Acenaphthene	0.997	0.9772		mg/Kg		98	53 - 125
Acenaphthylene	0.997	0.9954		mg/Kg		100	50 - 123
Anthracene	0.997	0.9567		mg/Kg		96	50 - 132
Benzo[g,h,i]perylene	0.997	1.009		mg/Kg		101	50 - 130
Benzo[k]fluoranthene	0.997	1.056		mg/Kg		106	49 - 150
Benzo[a]anthracene	0.997	0.9734		mg/Kg		98	50 - 133
Benzo[a]pyrene	0.997	1.013		mg/Kg		102	50 - 134
Benzo[b]fluoranthene	0.997	0.9795		mg/Kg		98	50 - 142
Chrysene	0.997	1.001		mg/Kg		100	51 - 129
Dibenz(a,h)anthracene	0.997	1.045		mg/Kg		105	50 - 133
Fluoranthene	0.997	1.066		mg/Kg		107	55 - 127
Fluorene	0.997	0.9841		mg/Kg		99	55 - 127
Indeno[1,2,3-cd]pyrene	0.997	0.9647		mg/Kg		97	50 - 148
Naphthalene	0.997	0.8786		mg/Kg		88	51 - 129
Phenanthrene	0.997	0.9772		mg/Kg		98	50 - 122
Pyrene	0.997	0.9701		mg/Kg		97	50 - 134

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2-Fluorobiphenyl (Surr)	94		22 - 130
Nitrobenzene-d5 (Surr)	90		20 - 145
p-Terphenyl-d14 (Surr)	99		33 - 147

Lab Sample ID: LCSD 570-583713/3-A

Matrix: Solid

Analysis Batch: 584596

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 583713

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1-Methylnaphthalene	1.00	0.9479		mg/Kg		95	54 - 132	5	20
2-Methylnaphthalene	1.00	0.9402		mg/Kg		94	50 - 127	5	20
Acenaphthene	1.00	1.044		mg/Kg		104	53 - 125	7	20
Acenaphthylene	1.00	1.027		mg/Kg		102	50 - 123	3	20
Anthracene	1.00	1.064		mg/Kg		106	50 - 132	11	20
Benzo[g,h,i]perylene	1.00	1.068		mg/Kg		106	50 - 130	6	20
Benzo[k]fluoranthene	1.00	1.069		mg/Kg		107	49 - 150	1	20
Benzo[a]anthracene	1.00	1.017		mg/Kg		101	50 - 133	4	20
Benzo[a]pyrene	1.00	1.055		mg/Kg		105	50 - 134	4	20
Benzo[b]fluoranthene	1.00	1.025		mg/Kg		102	50 - 142	5	20
Chrysene	1.00	1.045		mg/Kg		104	51 - 129	4	20
Dibenz(a,h)anthracene	1.00	1.076		mg/Kg		107	50 - 133	3	20
Fluoranthene	1.00	1.059		mg/Kg		106	55 - 127	1	20
Fluorene	1.00	1.021		mg/Kg		102	55 - 127	4	20
Indeno[1,2,3-cd]pyrene	1.00	1.009		mg/Kg		101	50 - 148	5	20
Naphthalene	1.00	0.8775		mg/Kg		87	51 - 129	0	20
Phenanthrene	1.00	1.038		mg/Kg		103	50 - 122	6	20
Pyrene	1.00	1.037		mg/Kg		103	50 - 134	7	20

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QC Sample Results

Client: Ninyo & Moore
Project/Site: LARAP Pacific Palisades & Rustic Canyons

Job ID: 570-233498-1

Method: 8270C SIM - PAHs (GC/MS SIM) (Continued)

Lab Sample ID: LCSD 570-583713/3-A

Matrix: Solid

Analysis Batch: 584596

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 583713

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
2-Fluorobiphenyl (Surr)	102		22 - 130
Nitrobenzene-d5 (Surr)	92		20 - 145
p-Terphenyl-d14 (Surr)	101		33 - 147

Lab Sample ID: 570-233498-21 MS

Matrix: Solid

Analysis Batch: 584900

Client Sample ID: AV-1

Prep Type: Total/NA

Prep Batch: 583713

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1-Methylnaphthalene	ND		1.00	0.8725		mg/Kg		87	34 - 136
2-Methylnaphthalene	ND		1.00	0.8939		mg/Kg		89	29 - 137
Acenaphthene	ND		1.00	0.9879		mg/Kg		98	29 - 137
Acenaphthylene	ND		1.00	0.9652		mg/Kg		96	29 - 131
Anthracene	ND		1.00	0.9495		mg/Kg		95	26 - 134
Benzo[g,h,i]perylene	ND		1.00	0.8836		mg/Kg		88	20 - 148
Benzo[k]fluoranthene	ND		1.00	0.9977		mg/Kg		99	28 - 148
Benzo[a]anthracene	ND		1.00	0.9178		mg/Kg		92	24 - 150
Benzo[a]pyrene	ND		1.00	0.9473		mg/Kg		94	29 - 149
Benzo[b]fluoranthene	ND		1.00	0.9890		mg/Kg		99	21 - 153
Chrysene	ND		1.00	0.9558		mg/Kg		95	25 - 145
Dibenz(a,h)anthracene	ND		1.00	0.8922		mg/Kg		89	20 - 132
Fluoranthene	ND		1.00	0.9855		mg/Kg		98	20 - 151
Fluorene	ND		1.00	0.9770		mg/Kg		97	36 - 132
Indeno[1,2,3-cd]pyrene	ND		1.00	0.8231		mg/Kg		82	20 - 154
Naphthalene	ND		1.00	0.8484		mg/Kg		85	20 - 150
Phenanthrene	ND		1.00	0.9534		mg/Kg		95	20 - 144
Pyrene	ND		1.00	0.9676		mg/Kg		96	20 - 150

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
2-Fluorobiphenyl (Surr)	96		22 - 130
Nitrobenzene-d5 (Surr)	88		20 - 145
p-Terphenyl-d14 (Surr)	95		33 - 147

Lab Sample ID: 570-233498-21 MSD

Matrix: Solid

Analysis Batch: 584900

Client Sample ID: AV-1

Prep Type: Total/NA

Prep Batch: 583713

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
1-Methylnaphthalene	ND		1.00	0.8619		mg/Kg		86	34 - 136	1	29
2-Methylnaphthalene	ND		1.00	0.8611		mg/Kg		86	29 - 137	4	31
Acenaphthene	ND		1.00	0.9032		mg/Kg		90	29 - 137	9	28
Acenaphthylene	ND		1.00	0.8770		mg/Kg		87	29 - 131	10	32
Anthracene	ND		1.00	0.9139		mg/Kg		91	26 - 134	4	27
Benzo[g,h,i]perylene	ND		1.00	0.8296		mg/Kg		83	20 - 148	6	27
Benzo[k]fluoranthene	ND		1.00	0.9353		mg/Kg		93	28 - 148	6	26
Benzo[a]anthracene	ND		1.00	0.8732		mg/Kg		87	24 - 150	5	24
Benzo[a]pyrene	ND		1.00	0.9169		mg/Kg		91	29 - 149	3	22
Benzo[b]fluoranthene	ND		1.00	0.9465		mg/Kg		94	21 - 153	4	26

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QC Sample Results

Client: Ninyo & Moore
Project/Site: LARAP Pacific Palisades & Rustic Canyons

Job ID: 570-233498-1

Method: 8270C SIM - PAHs (GC/MS SIM) (Continued)

Lab Sample ID: 570-233498-21 MSD

Matrix: Solid

Analysis Batch: 584900

Client Sample ID: AV-1

Prep Type: Total/NA

Prep Batch: 583713

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chrysene	ND		1.00	0.8912		mg/Kg		89	25 - 145	7	28
Dibenz(a,h)anthracene	ND		1.00	0.8441		mg/Kg		84	20 - 132	6	26
Fluoranthene	ND		1.00	0.9001		mg/Kg		90	20 - 151	9	26
Fluorene	ND		1.00	0.9078		mg/Kg		91	36 - 132	7	27
Indeno[1,2,3-cd]pyrene	ND		1.00	0.7803		mg/Kg		78	20 - 154	5	25
Naphthalene	ND		1.00	0.8047		mg/Kg		80	20 - 150	5	33
Phenanthrene	ND		1.00	0.9045		mg/Kg		90	20 - 144	5	27
Pyrene	ND		1.00	0.9143		mg/Kg		91	20 - 150	6	32

Surrogate	MSD %Recovery	MSD Qualifier	Limits
2-Fluorobiphenyl (Surr)	87		22 - 130
Nitrobenzene-d5 (Surr)	81		20 - 145
p-Terphenyl-d14 (Surr)	90		33 - 147

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 570-583219/1-A

Matrix: Solid

Analysis Batch: 586040

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 583219

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		9.73		mg/Kg		06/13/25 10:00	06/18/25 12:38	2
Arsenic	ND		2.92		mg/Kg		06/13/25 10:00	06/18/25 12:38	2
Barium	ND		1.95		mg/Kg		06/13/25 10:00	06/18/25 12:38	2
Beryllium	ND		0.389		mg/Kg		06/13/25 10:00	06/18/25 12:38	2
Cadmium	ND		0.389		mg/Kg		06/13/25 10:00	06/18/25 12:38	2
Chromium	ND		0.973		mg/Kg		06/13/25 10:00	06/18/25 12:38	2
Cobalt	ND		1.95		mg/Kg		06/13/25 10:00	06/18/25 12:38	2
Copper	ND		1.95		mg/Kg		06/13/25 10:00	06/18/25 12:38	2
Lead	ND		1.95		mg/Kg		06/13/25 10:00	06/18/25 12:38	2
Molybdenum	ND		3.89		mg/Kg		06/13/25 10:00	06/18/25 12:38	2
Nickel	ND		1.95		mg/Kg		06/13/25 10:00	06/18/25 12:38	2
Selenium	ND		2.92		mg/Kg		06/13/25 10:00	06/18/25 12:38	2
Silver	ND		1.95		mg/Kg		06/13/25 10:00	06/18/25 12:38	2
Thallium	ND		9.73		mg/Kg		06/13/25 10:00	06/18/25 12:38	2
Vanadium	ND		3.89		mg/Kg		06/13/25 10:00	06/18/25 12:38	2
Zinc	ND		3.89		mg/Kg		06/13/25 10:00	06/18/25 12:38	2
Lithium	ND		19.5		mg/Kg		06/13/25 10:00	06/18/25 12:38	2

Lab Sample ID: LCS 570-583219/2-A

Matrix: Solid

Analysis Batch: 586040

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 583219

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	194	198.8		mg/Kg		102	80 - 120
Arsenic	194	188.3		mg/Kg		97	80 - 120
Barium	194	197.8		mg/Kg		102	80 - 120
Beryllium	194	192.6		mg/Kg		99	80 - 120
Cadmium	194	192.9		mg/Kg		99	80 - 120

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QC Sample Results

Client: Ninyo & Moore
Project/Site: LARAP Pacific Palisades & Rustic Canyons

Job ID: 570-233498-1

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: LCS 570-583219/2-A

Matrix: Solid

Analysis Batch: 586040

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 583219

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chromium	194	197.6		mg/Kg		102	80 - 120
Cobalt	194	196.1		mg/Kg		101	80 - 120
Copper	194	198.2		mg/Kg		102	80 - 120
Lead	194	195.9		mg/Kg		101	80 - 120
Molybdenum	194	216.1		mg/Kg		111	80 - 120
Nickel	194	194.5		mg/Kg		100	80 - 120
Selenium	194	171.2		mg/Kg		88	80 - 120
Silver	97.1	96.74		mg/Kg		100	80 - 120
Thallium	194	189.1		mg/Kg		97	80 - 120
Vanadium	194	199.0		mg/Kg		103	80 - 120
Zinc	194	191.2		mg/Kg		99	80 - 120
Lithium	194	196.7		mg/Kg		101	80 - 120

Lab Sample ID: LCSD 570-583219/3-A

Matrix: Solid

Analysis Batch: 586040

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 583219

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	201	215.5		mg/Kg		107	80 - 120	8	20
Arsenic	201	203.7		mg/Kg		101	80 - 120	8	20
Barium	201	214.1		mg/Kg		106	80 - 120	8	20
Beryllium	201	208.9		mg/Kg		104	80 - 120	8	20
Cadmium	201	208.5		mg/Kg		104	80 - 120	8	20
Chromium	201	212.9		mg/Kg		106	80 - 120	7	20
Cobalt	201	212.3		mg/Kg		106	80 - 120	8	20
Copper	201	214.3		mg/Kg		107	80 - 120	8	20
Lead	201	210.9		mg/Kg		105	80 - 120	7	20
Molybdenum	201	236.2		mg/Kg		117	80 - 120	9	20
Nickel	201	210.7		mg/Kg		105	80 - 120	8	20
Selenium	201	187.6		mg/Kg		93	80 - 120	9	20
Silver	101	104.5		mg/Kg		104	80 - 120	8	20
Thallium	201	205.7		mg/Kg		102	80 - 120	8	20
Vanadium	201	215.3		mg/Kg		107	80 - 120	8	20
Zinc	201	206.1		mg/Kg		102	80 - 120	7	20
Lithium	201	209.5		mg/Kg		104	80 - 120	6	20

Lab Sample ID: 570-233498-1 MS

Matrix: Solid

Analysis Batch: 586040

Client Sample ID: RC-1

Prep Type: Total/NA

Prep Batch: 583219

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	ND	F1	199	149.0		mg/Kg		75	75 - 125
Arsenic	7.61		199	202.4		mg/Kg		98	75 - 125
Barium	121		199	329.9		mg/Kg		105	75 - 125
Beryllium	ND		199	200.4		mg/Kg		100	75 - 125
Cadmium	7.85		199	203.5		mg/Kg		98	75 - 125
Chromium	69.2		199	275.9		mg/Kg		104	75 - 125
Cobalt	7.34		199	207.3		mg/Kg		100	75 - 125
Copper	60.5		199	269.3		mg/Kg		105	75 - 125

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QC Sample Results

Client: Ninyo & Moore
Project/Site: LARAP Pacific Palisades & Rustic Canyons

Job ID: 570-233498-1

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: 570-233498-1 MS

Matrix: Solid

Analysis Batch: 586040

Client Sample ID: RC-1

Prep Type: Total/NA

Prep Batch: 583219

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Lead	44.6		199	241.2		mg/Kg		99	75 - 125
Molybdenum	ND		199	224.3		mg/Kg		111	75 - 125
Nickel	21.5		199	220.9		mg/Kg		100	75 - 125
Selenium	ND		199	180.2		mg/Kg		90	75 - 125
Silver	5.48		99.7	107.2		mg/Kg		102	75 - 125
Thallium	ND		199	182.4		mg/Kg		91	75 - 125
Vanadium	34.2		199	245.8		mg/Kg		106	75 - 125
Zinc	167		199	364.0		mg/Kg		99	75 - 125
Lithium	ND		199	221.5		mg/Kg		103	75 - 125

Lab Sample ID: 570-233498-1 MSD

Matrix: Solid

Analysis Batch: 586040

Client Sample ID: RC-1

Prep Type: Total/NA

Prep Batch: 583219

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	ND	F1	195	139.6	F1	mg/Kg		72	75 - 125	7	20
Arsenic	7.61		195	204.7		mg/Kg		101	75 - 125	1	20
Barium	121		195	334.0		mg/Kg		109	75 - 125	1	20
Beryllium	ND		195	200.4		mg/Kg		103	75 - 125	0	20
Cadmium	7.85		195	203.7		mg/Kg		101	75 - 125	0	20
Chromium	69.2		195	278.3		mg/Kg		107	75 - 125	1	20
Cobalt	7.34		195	207.0		mg/Kg		103	75 - 125	0	20
Copper	60.5		195	271.9		mg/Kg		109	75 - 125	1	20
Lead	44.6		195	243.6		mg/Kg		102	75 - 125	1	20
Molybdenum	ND		195	224.0		mg/Kg		114	75 - 125	0	20
Nickel	21.5		195	221.4		mg/Kg		103	75 - 125	0	20
Selenium	ND		195	181.0		mg/Kg		93	75 - 125	0	20
Silver	5.48		97.4	107.0		mg/Kg		104	75 - 125	0	20
Thallium	ND		195	182.6		mg/Kg		94	75 - 125	0	20
Vanadium	34.2		195	244.4		mg/Kg		108	75 - 125	1	20
Zinc	167		195	368.5		mg/Kg		104	75 - 125	1	20
Lithium	ND		195	223.4		mg/Kg		107	75 - 125	1	20

Lab Sample ID: MB 570-583399/1-A

Matrix: Solid

Analysis Batch: 585913

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 583399

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		9.98		mg/Kg		06/13/25 10:00	06/16/25 14:11	2
Arsenic	ND		2.99		mg/Kg		06/13/25 10:00	06/16/25 14:11	2
Barium	ND		2.00		mg/Kg		06/13/25 10:00	06/16/25 14:11	2
Beryllium	ND		0.399		mg/Kg		06/13/25 10:00	06/16/25 14:11	2
Cadmium	ND		0.399		mg/Kg		06/13/25 10:00	06/16/25 14:11	2
Chromium	ND		0.998		mg/Kg		06/13/25 10:00	06/16/25 14:11	2
Cobalt	ND		2.00		mg/Kg		06/13/25 10:00	06/16/25 14:11	2
Copper	ND		2.00		mg/Kg		06/13/25 10:00	06/16/25 14:11	2
Lead	ND		2.00		mg/Kg		06/13/25 10:00	06/16/25 14:11	2
Molybdenum	ND		3.99		mg/Kg		06/13/25 10:00	06/16/25 14:11	2
Nickel	ND		2.00		mg/Kg		06/13/25 10:00	06/16/25 14:11	2

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QC Sample Results

Client: Ninyo & Moore
Project/Site: LARAP Pacific Palisades & Rustic Canyons

Job ID: 570-233498-1

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: MB 570-583399/1-A

Matrix: Solid

Analysis Batch: 585913

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 583399

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		2.99		mg/Kg		06/13/25 10:00	06/16/25 14:11	2
Silver	ND		2.00		mg/Kg		06/13/25 10:00	06/16/25 14:11	2
Thallium	ND		9.98		mg/Kg		06/13/25 10:00	06/16/25 14:11	2
Vanadium	ND		3.99		mg/Kg		06/13/25 10:00	06/16/25 14:11	2
Zinc	ND		3.99		mg/Kg		06/13/25 10:00	06/16/25 14:11	2
Lithium	ND		20.0		mg/Kg		06/13/25 10:00	06/16/25 14:11	2

Lab Sample ID: LCS 570-583399/2-A

Matrix: Solid

Analysis Batch: 585913

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 583399

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	199	206.3		mg/Kg		104	80 - 120
Arsenic	199	198.1		mg/Kg		100	80 - 120
Barium	199	206.7		mg/Kg		104	80 - 120
Beryllium	199	201.0		mg/Kg		101	80 - 120
Cadmium	199	202.5		mg/Kg		102	80 - 120
Chromium	199	206.3		mg/Kg		104	80 - 120
Cobalt	199	205.5		mg/Kg		103	80 - 120
Copper	199	206.9		mg/Kg		104	80 - 120
Lead	199	205.9		mg/Kg		104	80 - 120
Molybdenum	199	223.4		mg/Kg		112	80 - 120
Nickel	199	203.9		mg/Kg		103	80 - 120
Selenium	199	180.2		mg/Kg		91	80 - 120
Silver	99.5	90.01		mg/Kg		90	80 - 120
Thallium	199	200.6		mg/Kg		101	80 - 120
Vanadium	199	207.5		mg/Kg		104	80 - 120
Zinc	199	200.4		mg/Kg		101	80 - 120
Lithium	199	201.9		mg/Kg		102	80 - 120

Lab Sample ID: LCSD 570-583399/3-A

Matrix: Solid

Analysis Batch: 585913

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 583399

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	197	204.8		mg/Kg		104	80 - 120	1	20
Arsenic	197	196.8		mg/Kg		100	80 - 120	1	20
Barium	197	204.8		mg/Kg		104	80 - 120	1	20
Beryllium	197	199.1		mg/Kg		101	80 - 120	1	20
Cadmium	197	200.7		mg/Kg		102	80 - 120	1	20
Chromium	197	202.3		mg/Kg		103	80 - 120	2	20
Cobalt	197	202.9		mg/Kg		103	80 - 120	1	20
Copper	197	205.0		mg/Kg		104	80 - 120	1	20
Lead	197	202.5		mg/Kg		103	80 - 120	2	20
Molybdenum	197	220.6		mg/Kg		112	80 - 120	1	20
Nickel	197	201.9		mg/Kg		103	80 - 120	1	20
Selenium	197	177.8		mg/Kg		90	80 - 120	1	20
Silver	98.3	95.40		mg/Kg		97	80 - 120	6	20
Thallium	197	197.2		mg/Kg		100	80 - 120	2	20

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QC Sample Results

Client: Ninyo & Moore
Project/Site: LARAP Pacific Palisades & Rustic Canyons

Job ID: 570-233498-1

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: LCSD 570-583399/3-A

Matrix: Solid

Analysis Batch: 585913

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 583399

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Vanadium	197	205.6		mg/Kg		105	80 - 120	1	20
Zinc	197	198.5		mg/Kg		101	80 - 120	1	20
Lithium	197	202.1		mg/Kg		103	80 - 120	0	20

Lab Sample ID: 570-234076-G-1-B MS

Matrix: Solid

Analysis Batch: 585913

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 583399

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	ND	F1	199	141.6	F1	mg/Kg		71	75 - 125		
Arsenic	3.62		199	199.6		mg/Kg		99	75 - 125		
Barium	176	F1	199	467.1	F1	mg/Kg		146	75 - 125		
Beryllium	ND		199	198.3		mg/Kg		100	75 - 125		
Cadmium	ND		199	190.1		mg/Kg		96	75 - 125		
Chromium	48.1		199	246.0		mg/Kg		100	75 - 125		
Cobalt	9.35		199	198.7		mg/Kg		95	75 - 125		
Copper	24.8		199	234.4		mg/Kg		105	75 - 125		
Lead	6.22		199	199.4		mg/Kg		97	75 - 125		
Molybdenum	ND		199	215.9		mg/Kg		109	75 - 125		
Nickel	43.6		199	232.8		mg/Kg		95	75 - 125		
Selenium	ND		199	181.2		mg/Kg		91	75 - 125		
Silver	ND		99.4	104.0		mg/Kg		105	75 - 125		
Thallium	ND		199	177.7		mg/Kg		89	75 - 125		
Vanadium	38.9		199	249.6		mg/Kg		106	75 - 125		
Zinc	39.3		199	226.3		mg/Kg		94	75 - 125		
Lithium	ND		199	218.9		mg/Kg		103	75 - 125		

Lab Sample ID: 570-234076-G-1-C MSD

Matrix: Solid

Analysis Batch: 585913

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 583399

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	ND	F1	196	145.9		mg/Kg		75	75 - 125	3	20
Arsenic	3.62		196	200.6		mg/Kg		101	75 - 125	0	20
Barium	176	F1	196	384.2		mg/Kg		106	75 - 125	19	20
Beryllium	ND		196	196.9		mg/Kg		100	75 - 125	1	20
Cadmium	ND		196	188.7		mg/Kg		96	75 - 125	1	20
Chromium	48.1		196	241.5		mg/Kg		99	75 - 125	2	20
Cobalt	9.35		196	197.3		mg/Kg		96	75 - 125	1	20
Copper	24.8		196	234.9		mg/Kg		107	75 - 125	0	20
Lead	6.22		196	197.3		mg/Kg		98	75 - 125	1	20
Molybdenum	ND		196	215.9		mg/Kg		110	75 - 125	0	20
Nickel	43.6		196	230.0		mg/Kg		95	75 - 125	1	20
Selenium	ND		196	179.3		mg/Kg		92	75 - 125	1	20
Silver	ND		97.9	102.9		mg/Kg		105	75 - 125	1	20
Thallium	ND		196	177.4		mg/Kg		91	75 - 125	0	20
Vanadium	38.9		196	246.0		mg/Kg		106	75 - 125	1	20
Zinc	39.3		196	225.3		mg/Kg		95	75 - 125	0	20
Lithium	ND		196	216.1		mg/Kg		103	75 - 125	1	20

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QC Sample Results

Client: Ninyo & Moore
Project/Site: LARAP Pacific Palisades & Rustic Canyons

Job ID: 570-233498-1

Method: 7471A - Mercury (CVAA)

Lab Sample ID: MB 570-582399/1-A

Matrix: Solid

Analysis Batch: 582642

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 582399

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0850		mg/Kg		06/11/25 06:51	06/11/25 08:44	1

Lab Sample ID: LCS 570-582399/2-A

Matrix: Solid

Analysis Batch: 582642

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 582399

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.377	0.3646		mg/Kg		97	80 - 120

Lab Sample ID: LCSD 570-582399/3-A

Matrix: Solid

Analysis Batch: 582642

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 582399

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	0.400	0.3886		mg/Kg		97	80 - 120	6	20

Lab Sample ID: 570-233622-A-1-D MS

Matrix: Solid

Analysis Batch: 582642

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 582399

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.0917		0.392	0.4465		mg/Kg		90	75 - 125

Lab Sample ID: 570-233622-A-1-E MSD

Matrix: Solid

Analysis Batch: 582642

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 582399

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	0.0917		0.408	0.4906		mg/Kg		98	75 - 125	9	20

Lab Sample ID: MB 570-582486/1-A

Matrix: Solid

Analysis Batch: 582642

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 582486

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0786		mg/Kg		06/11/25 09:09	06/11/25 12:58	1

Lab Sample ID: LCS 570-582486/2-A

Matrix: Solid

Analysis Batch: 582642

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 582486

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.400	0.3366		mg/Kg		84	80 - 120

Lab Sample ID: LCSD 570-582486/3-A

Matrix: Solid

Analysis Batch: 582642

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 582486

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	0.392	0.3322		mg/Kg		85	80 - 120	1	20

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QC Sample Results

Client: Ninyo & Moore
Project/Site: LARAP Pacific Palisades & Rustic Canyons

Job ID: 570-233498-1

Method: 7471A - Mercury (CVAA)

Lab Sample ID: 570-233498-1 MS
Matrix: Solid
Analysis Batch: 582642

Client Sample ID: RC-1
Prep Type: Total/NA
Prep Batch: 582486

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.198	F2 F1	0.417	0.3725	F1	mg/Kg		42	75 - 125

Lab Sample ID: 570-233498-1 MSD
Matrix: Solid
Analysis Batch: 582642

Client Sample ID: RC-1
Prep Type: Total/NA
Prep Batch: 582486

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	0.198	F2 F1	0.426	0.2277	F2 F1	mg/Kg		7	75 - 125	48	20

Marginal Exceedance (ME) Summary

Client: Ninyo & Moore

Job ID: 570-233498-1

Project/Site: LARAP Pacific Palisades & Rustic Canyons

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: LCSD 570-582439/7

Matrix: Solid

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	%Rec	%Rec. Limits	ME %Rec. Limits	Marginal Exceedance Status
1,1,1,2-Tetrachloroethane	50.0	54.36		ug/Kg	109	80 - 125	73 - 133	
1,1,1-Trichloroethane	50.0	59.13		ug/Kg	118	78 - 130	69 - 139	
1,1,2,2-Tetrachloroethane	50.0	52.99		ug/Kg	106	80 - 124	73 - 131	
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	54.83		ug/Kg	110	73 - 130	64 - 140	
1,1,2-Trichloroethane	50.0	50.94		ug/Kg	102	80 - 123	73 - 130	
1,1-Dichloroethane	50.0	56.08		ug/Kg	112	79 - 124	72 - 132	
1,1-Dichloroethene	50.0	54.72		ug/Kg	109	74 - 132	64 - 142	
1,1-Dichloropropene	50.0	55.60		ug/Kg	111	78 - 130	69 - 139	
1,2,3-Trichlorobenzene	50.0	54.85		ug/Kg	110	80 - 123	73 - 130	
1,2,3-Trichloropropane	50.0	55.37		ug/Kg	111	79 - 120	72 - 127	
1,2,4-Trichlorobenzene	50.0	56.39		ug/Kg	113	80 - 125	73 - 133	
1,2,4-Trimethylbenzene	50.0	54.90		ug/Kg	110	80 - 124	73 - 131	
1,2-Dibromo-3-Chloropropane	50.0	59.14		ug/Kg	118	67 - 120	58 - 129	
1,2-Dibromoethane	50.0	53.93		ug/Kg	108	80 - 120	73 - 127	
1,2-Dichlorobenzene	50.0	50.41		ug/Kg	101	80 - 120	73 - 127	
1,2-Dichloroethane	50.0	54.75		ug/Kg	110	77 - 120	70 - 127	
1,2-Dichloropropane	50.0	49.50		ug/Kg	99	80 - 126	72 - 134	
1,3,5-Trimethylbenzene	50.0	57.11		ug/Kg	114	80 - 121	73 - 128	
1,3-Dichlorobenzene	50.0	52.02		ug/Kg	104	80 - 120	73 - 127	
1,3-Dichloropropane	50.0	54.01		ug/Kg	108	80 - 120	73 - 127	
1,4-Dichlorobenzene	50.0	50.60		ug/Kg	101	80 - 120	73 - 127	
2,2-Dichloropropane	50.0	62.12		ug/Kg	124	73 - 135	63 - 145	
2-Butanone (MEK)	50.0	51.96		ug/Kg	104	67 - 136	56 - 148	
2-Chlorotoluene	50.0	56.99		ug/Kg	114	80 - 120	73 - 127	
2-Hexanone	50.0	54.86		ug/Kg	110	70 - 137	59 - 148	
4-Chlorotoluene	50.0	56.49		ug/Kg	113	80 - 121	73 - 128	
4-Methyl-2-pentanone (MIBK)	50.0	48.79		ug/Kg	98	74 - 124	66 - 132	
Acetone	50.0	48.84		ug/Kg	98	61 - 142	48 - 156	
Benzene	50.0	49.82		ug/Kg	100	80 - 120	73 - 127	
Bromobenzene	50.0	52.37		ug/Kg	105	80 - 120	73 - 127	
Bromochloromethane	50.0	53.66		ug/Kg	107	80 - 120	73 - 127	
Bromodichloromethane	50.0	58.31		ug/Kg	117	80 - 125	73 - 133	
Bromoform	50.0	53.48		ug/Kg	107	74 - 138	63 - 149	
Bromomethane	50.0	45.86		ug/Kg	92	58 - 136	45 - 149	
cis-1,2-Dichloroethene	50.0	52.26		ug/Kg	105	80 - 124	73 - 131	
cis-1,3-Dichloropropene	50.0	58.89		ug/Kg	118	80 - 123	73 - 130	
Carbon disulfide	50.0	55.32		ug/Kg	111	68 - 128	58 - 138	
Carbon tetrachloride	50.0	58.22		ug/Kg	116	75 - 140	64 - 151	
Chlorobenzene	50.0	51.21		ug/Kg	102	80 - 120	73 - 127	
Chloroethane	50.0	49.87		ug/Kg	100	76 - 137	66 - 147	
Chloroform	50.0	54.27		ug/Kg	109	80 - 121	73 - 128	
Chloromethane	50.0	45.51		ug/Kg	91	74 - 133	64 - 143	
Dibromochloromethane	50.0	57.66		ug/Kg	115	80 - 132	71 - 141	
Dibromomethane	50.0	56.40		ug/Kg	113	80 - 120	73 - 127	
Dichlorodifluoromethane	50.0	55.69		ug/Kg	111	63 - 146	49 - 160	
Di-isopropyl ether (DIPE)	50.0	54.45		ug/Kg	109	73 - 132	63 - 142	
Ethanol	500	453.0		ug/Kg	91	46 - 159	27 - 178	
Ethylbenzene	50.0	55.12		ug/Kg	110	80 - 120	73 - 127	
Ethyl-t-butyl ether (ETBE)	50.0	55.29		ug/Kg	111	77 - 129	68 - 138	

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Marginal Exceedance (ME) Summary

Client: Ninyo & Moore
Project/Site: LARAP Pacific Palisades & Rustic Canyons

Job ID: 570-233498-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-582439/7

Matrix: Solid

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	%Rec	%Rec. Limits	ME %Rec. Limits	Marginal Exceedance Status
Isopropylbenzene	50.0	57.28		ug/Kg	115	80 - 122	73 - 129	
Methylene Chloride	50.0	49.80		ug/Kg	100	74 - 120	66 - 128	
Methyl-t-Butyl Ether (MTBE)	50.0	56.58		ug/Kg	113	79 - 123	72 - 130	
Naphthalene	50.0	50.87		ug/Kg	102	79 - 121	72 - 128	
n-Butylbenzene	50.0	57.44		ug/Kg	115	79 - 131	70 - 140	
N-Propylbenzene	50.0	57.47		ug/Kg	115	80 - 122	73 - 129	
o-Xylene	50.0	57.54		ug/Kg	115	80 - 120	73 - 127	
m,p-Xylene	100	109.3		ug/Kg	109	80 - 120	73 - 127	
p-Isopropyltoluene	50.0	55.10		ug/Kg	110	80 - 126	72 - 134	
sec-Butylbenzene	50.0	54.95		ug/Kg	110	80 - 125	73 - 133	
Styrene	50.0	54.21		ug/Kg	108	80 - 120	73 - 127	
trans-1,2-Dichloroethene	50.0	52.08		ug/Kg	104	75 - 123	67 - 131	
trans-1,3-Dichloropropene	50.0	60.37		ug/Kg	121	80 - 124	73 - 131	
Tert-amyl-methyl ether (TAME)	50.0	57.31		ug/Kg	115	80 - 120	73 - 127	
tert-Butyl alcohol (TBA)	250	244.4		ug/Kg	98	74 - 123	66 - 131	
tert-Butylbenzene	50.0	53.22		ug/Kg	106	80 - 124	73 - 131	
Tetrachloroethene	50.0	51.91		ug/Kg	104	80 - 122	73 - 129	
Toluene	50.0	52.63		ug/Kg	105	80 - 120	73 - 127	
Trichloroethene	50.0	54.08		ug/Kg	108	80 - 127	72 - 135	
Trichlorofluoromethane	50.0	56.98		ug/Kg	114	70 - 144	58 - 156	
Vinyl acetate	50.0	63.21	*+ me	ug/Kg	126	71 - 125	62 - 134	ME
Vinyl chloride	50.0	48.83		ug/Kg	98	79 - 133	70 - 142	

Summary

Number of Analytes Reported	Number of Marginal Exceedances Allowed	Number of Marginal Exceedances Found
71	4	1

ME = Marginal Exceedance

Lab Sample ID: LCSD 570-583296/2-A

Matrix: Solid

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	%Rec	%Rec. Limits	ME %Rec. Limits	Marginal Exceedance Status
1,1,1,2-Tetrachloroethane	50.0	55.60		ug/Kg	111	80 - 125	73 - 133	
1,1,1-Trichloroethane	50.0	57.42		ug/Kg	115	78 - 130	69 - 139	
1,1,2,2-Tetrachloroethane	50.0	55.91		ug/Kg	112	80 - 124	73 - 131	
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	52.50		ug/Kg	105	73 - 130	64 - 140	
1,1,2-Trichloroethane	50.0	52.59		ug/Kg	105	80 - 123	73 - 130	
1,1-Dichloroethane	50.0	52.31		ug/Kg	105	79 - 124	72 - 132	
1,1-Dichloroethene	50.0	52.56		ug/Kg	105	74 - 132	64 - 142	
1,1-Dichloropropene	50.0	53.72		ug/Kg	107	78 - 130	69 - 139	
1,2,3-Trichlorobenzene	50.0	53.75		ug/Kg	108	80 - 123	73 - 130	
1,2,3-Trichloropropane	50.0	60.53	*+ me	ug/Kg	121	79 - 120	72 - 127	ME
1,2,4-Trichlorobenzene	50.0	56.53		ug/Kg	113	80 - 125	73 - 133	
1,2,4-Trimethylbenzene	50.0	54.51		ug/Kg	109	80 - 124	73 - 131	
1,2-Dibromo-3-Chloropropane	50.0	60.87	*+ me	ug/Kg	122	67 - 120	58 - 129	ME
1,2-Dibromoethane	50.0	54.08		ug/Kg	108	80 - 120	73 - 127	
1,2-Dichlorobenzene	50.0	50.31		ug/Kg	101	80 - 120	73 - 127	
1,2-Dichloroethane	50.0	53.80		ug/Kg	108	77 - 120	70 - 127	

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Marginal Exceedance (ME) Summary

Client: Ninyo & Moore
Project/Site: LARAP Pacific Palisades & Rustic Canyons

Job ID: 570-233498-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-583296/2-A

Matrix: Solid

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	%Rec	%Rec. Limits	ME %Rec. Limits	Marginal Exceedance Status
1,2-Dichloropropane	50.0	47.14		ug/Kg	94	80 - 126	72 - 134	
1,3,5-Trimethylbenzene	50.0	58.35		ug/Kg	117	80 - 121	73 - 128	
1,3-Dichlorobenzene	50.0	51.95		ug/Kg	104	80 - 120	73 - 127	
1,3-Dichloropropane	50.0	54.29		ug/Kg	109	80 - 120	73 - 127	
1,4-Dichlorobenzene	50.0	50.33		ug/Kg	101	80 - 120	73 - 127	
2,2-Dichloropropane	50.0	60.42		ug/Kg	121	73 - 135	63 - 145	
2-Butanone (MEK)	50.0	51.20		ug/Kg	102	67 - 136	56 - 148	
2-Chlorotoluene	50.0	56.96		ug/Kg	114	80 - 120	73 - 127	
2-Hexanone	50.0	58.84		ug/Kg	118	70 - 137	59 - 148	
4-Chlorotoluene	50.0	50.59		ug/Kg	101	80 - 121	73 - 128	
4-Methyl-2-pentanone (MIBK)	50.0	46.87		ug/Kg	94	74 - 124	66 - 132	
Acetone	50.0	41.94		ug/Kg	84	61 - 142	48 - 156	
Benzene	50.0	47.60		ug/Kg	95	80 - 120	73 - 127	
Bromobenzene	50.0	51.29		ug/Kg	103	80 - 120	73 - 127	
Bromochloromethane	50.0	50.64		ug/Kg	101	80 - 120	73 - 127	
Bromodichloromethane	50.0	57.99		ug/Kg	116	80 - 125	73 - 133	
Bromoform	50.0	54.79		ug/Kg	110	74 - 138	63 - 149	
Bromomethane	50.0	44.82		ug/Kg	90	58 - 136	45 - 149	
cis-1,2-Dichloroethene	50.0	49.51		ug/Kg	99	80 - 124	73 - 131	
cis-1,3-Dichloropropene	50.0	56.98		ug/Kg	114	80 - 123	73 - 130	
Carbon disulfide	50.0	50.23		ug/Kg	100	68 - 128	58 - 138	
Carbon tetrachloride	50.0	57.22		ug/Kg	114	75 - 140	64 - 151	
Chlorobenzene	50.0	50.68		ug/Kg	101	80 - 120	73 - 127	
Chloroethane	50.0	49.72		ug/Kg	99	76 - 137	66 - 147	
Chloroform	50.0	52.84		ug/Kg	106	80 - 121	73 - 128	
Chloromethane	50.0	46.41		ug/Kg	93	74 - 133	64 - 143	
Dibromochloromethane	50.0	57.43		ug/Kg	115	80 - 132	71 - 141	
Dibromomethane	50.0	56.17		ug/Kg	112	80 - 120	73 - 127	
Dichlorodifluoromethane	50.0	51.92		ug/Kg	104	63 - 146	49 - 160	
Di-isopropyl ether (DIPE)	50.0	51.51		ug/Kg	103	73 - 132	63 - 142	
Ethanol	500	430.8		ug/Kg	86	46 - 159	27 - 178	
Ethylbenzene	50.0	55.16		ug/Kg	110	80 - 120	73 - 127	
Ethyl-t-butyl ether (ETBE)	50.0	53.30		ug/Kg	107	77 - 129	68 - 138	
Isopropylbenzene	50.0	58.12		ug/Kg	116	80 - 122	73 - 129	
Methylene Chloride	50.0	47.50		ug/Kg	95	74 - 120	66 - 128	
Methyl-t-Butyl Ether (MTBE)	50.0	55.29		ug/Kg	111	79 - 123	72 - 130	
Naphthalene	50.0	51.12		ug/Kg	102	79 - 121	72 - 128	
n-Butylbenzene	50.0	57.24		ug/Kg	114	79 - 131	70 - 140	
N-Propylbenzene	50.0	57.71		ug/Kg	115	80 - 122	73 - 129	
o-Xylene	50.0	57.77		ug/Kg	116	80 - 120	73 - 127	
m,p-Xylene	100	111.3		ug/Kg	111	80 - 120	73 - 127	
p-Isopropyltoluene	50.0	54.47		ug/Kg	109	80 - 126	72 - 134	
sec-Butylbenzene	50.0	54.54		ug/Kg	109	80 - 125	73 - 133	
Styrene	50.0	54.29		ug/Kg	109	80 - 120	73 - 127	
trans-1,2-Dichloroethene	50.0	48.83		ug/Kg	98	75 - 123	67 - 131	
trans-1,3-Dichloropropene	50.0	60.24		ug/Kg	120	80 - 124	73 - 131	
Tert-amyl-methyl ether (TAME)	50.0	54.82		ug/Kg	110	80 - 120	73 - 127	
tert-Butyl alcohol (TBA)	250	227.7		ug/Kg	91	74 - 123	66 - 131	
tert-Butylbenzene	50.0	51.70		ug/Kg	103	80 - 124	73 - 131	
Tetrachloroethene	50.0	50.78		ug/Kg	102	80 - 122	73 - 129	

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Marginal Exceedance (ME) Summary

Client: Ninyo & Moore
Project/Site: LARAP Pacific Palisades & Rustic Canyons

Job ID: 570-233498-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-583296/2-A

Matrix: Solid

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	%Rec	%Rec. Limits	ME %Rec. Limits	Marginal Exceedance Status
Toluene	50.0	50.46		ug/Kg	101	80 - 120	73 - 127	
Trichloroethene	50.0	53.22		ug/Kg	106	80 - 127	72 - 135	
Trichlorofluoromethane	50.0	59.44		ug/Kg	119	70 - 144	58 - 156	
Vinyl acetate	50.0	55.44		ug/Kg	111	71 - 125	62 - 134	
Vinyl chloride	50.0	50.76		ug/Kg	102	79 - 133	70 - 142	

Summary

Number of Analytes Reported	Number of Marginal Exceedances Allowed	Number of Marginal Exceedances Found
71	4	2

ME = Marginal Exceedance

QC Association Summary

Client: Ninyo & Moore
Project/Site: LARAP Pacific Palisades & Rustic Canyons

Job ID: 570-233498-1

GC/MS VOA

Prep Batch: 581397

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-233498-1	RC-1	Total/NA	Solid	5035	
570-233498-3	RC-3	Total/NA	Solid	5035	
570-233498-5	RC-5	Total/NA	Solid	5035	
570-233498-6	RC-6	Total/NA	Solid	5035	
570-233498-7	PP-1	Total/NA	Solid	5035	
570-233498-9	PP-3	Total/NA	Solid	5035	
570-233498-10	PP-4	Total/NA	Solid	5035	
570-233498-11	PP-5	Total/NA	Solid	5035	
570-233498-12	PP-6	Total/NA	Solid	5035	
570-233498-13	GWPC-1	Total/NA	Solid	5035	
570-233498-14	GWPC-2	Total/NA	Solid	5035	
570-233498-15	GWPC-3	Total/NA	Solid	5035	
570-233498-16	GWPC-4	Total/NA	Solid	5035	
570-233498-17	VL0-1	Total/NA	Solid	5035	
570-233498-18	VL0-2	Total/NA	Solid	5035	
570-233498-19	TC-1	Total/NA	Solid	5035	
570-233498-21	AV-1	Total/NA	Solid	5035	

Analysis Batch: 581594

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-233498-1	RC-1	Total/NA	Solid	8260B	581397
570-233498-3	RC-3	Total/NA	Solid	8260B	581397
570-233498-5	RC-5	Total/NA	Solid	8260B	581397
570-233498-6	RC-6	Total/NA	Solid	8260B	581397
570-233498-7	PP-1	Total/NA	Solid	8260B	581397
570-233498-9	PP-3	Total/NA	Solid	8260B	581397
570-233498-12	PP-6	Total/NA	Solid	8260B	581397
570-233498-13	GWPC-1	Total/NA	Solid	8260B	581397
570-233498-14	GWPC-2	Total/NA	Solid	8260B	581397
570-233498-16	GWPC-4	Total/NA	Solid	8260B	581397
570-233498-18	VL0-2	Total/NA	Solid	8260B	581397
570-233498-19	TC-1	Total/NA	Solid	8260B	581397
570-233498-21	AV-1	Total/NA	Solid	8260B	581397
MB 570-581594/6	Method Blank	Total/NA	Solid	8260B	
LCS 570-581594/3	Lab Control Sample	Total/NA	Solid	8260B	
LCSD 570-581594/4	Lab Control Sample Dup	Total/NA	Solid	8260B	

Analysis Batch: 581820

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-233498-10	PP-4	Total/NA	Solid	8260B	581397
570-233498-11	PP-5	Total/NA	Solid	8260B	581397
570-233498-15	GWPC-3	Total/NA	Solid	8260B	581397
570-233498-17	VL0-1	Total/NA	Solid	8260B	581397
MB 570-581820/6	Method Blank	Total/NA	Solid	8260B	
LCS 570-581820/4	Lab Control Sample	Total/NA	Solid	8260B	
LCSD 570-581820/5	Lab Control Sample Dup	Total/NA	Solid	8260B	

Analysis Batch: 582439

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-233498-8	PP-2	Total/NA	Solid	8260B	582589
570-233498-20	TC-2	Total/NA	Solid	8260B	582589

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QC Association Summary

Client: Ninyo & Moore
Project/Site: LARAP Pacific Palisades & Rustic Canyons

Job ID: 570-233498-1

GC/MS VOA (Continued)

Analysis Batch: 582439 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-233498-22	AV-2	Total/NA	Solid	8260B	582589
MB 570-582439/9	Method Blank	Total/NA	Solid	8260B	
LCS 570-582439/5	Lab Control Sample	Total/NA	Solid	8260B	
LCSD 570-582439/7	Lab Control Sample Dup	Total/NA	Solid	8260B	
570-233803-A-38-B MS	Matrix Spike	Total/NA	Solid	8260B	582589
570-233803-A-38-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8260B	582589

Prep Batch: 582589

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-233498-8	PP-2	Total/NA	Solid	5030C	
570-233498-20	TC-2	Total/NA	Solid	5030C	
570-233498-22	AV-2	Total/NA	Solid	5030C	
570-233803-A-38-B MS	Matrix Spike	Total/NA	Solid	5030C	
570-233803-A-38-C MSD	Matrix Spike Duplicate	Total/NA	Solid	5030C	

Prep Batch: 583296

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-233498-2	RC-2	Total/NA	Solid	5030C	
570-233498-4	RC-4	Total/NA	Solid	5030C	
MB 570-583296/3-A	Method Blank	Total/NA	Solid	5030C	
LCS 570-583296/1-A	Lab Control Sample	Total/NA	Solid	5030C	
LCSD 570-583296/2-A	Lab Control Sample Dup	Total/NA	Solid	5030C	
570-233986-A-6-A MS	Matrix Spike	Total/NA	Solid	5030C	
570-233986-A-6-B MSD	Matrix Spike Duplicate	Total/NA	Solid	5030C	

Analysis Batch: 583354

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-233498-2	RC-2	Total/NA	Solid	8260B	583296
570-233498-4	RC-4	Total/NA	Solid	8260B	583296
MB 570-583296/3-A	Method Blank	Total/NA	Solid	8260B	583296
LCS 570-583296/1-A	Lab Control Sample	Total/NA	Solid	8260B	583296
LCSD 570-583296/2-A	Lab Control Sample Dup	Total/NA	Solid	8260B	583296
570-233986-A-6-A MS	Matrix Spike	Total/NA	Solid	8260B	583296
570-233986-A-6-B MSD	Matrix Spike Duplicate	Total/NA	Solid	8260B	583296

GC/MS Semi VOA

Prep Batch: 583699

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-233498-1	RC-1	Total/NA	Solid	3546	
570-233498-2	RC-2	Total/NA	Solid	3546	
570-233498-3	RC-3	Total/NA	Solid	3546	
570-233498-4	RC-4	Total/NA	Solid	3546	
570-233498-5	RC-5	Total/NA	Solid	3546	
570-233498-6	RC-6	Total/NA	Solid	3546	
570-233498-7	PP-1	Total/NA	Solid	3546	
570-233498-8	PP-2	Total/NA	Solid	3546	
570-233498-9	PP-3	Total/NA	Solid	3546	
570-233498-10	PP-4	Total/NA	Solid	3546	
570-233498-11	PP-5	Total/NA	Solid	3546	
570-233498-12	PP-6	Total/NA	Solid	3546	

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QC Association Summary

Client: Ninyo & Moore
Project/Site: LARAP Pacific Palisades & Rustic Canyons

Job ID: 570-233498-1

GC/MS Semi VOA (Continued)

Prep Batch: 583699 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-233498-13	GWPC-1	Total/NA	Solid	3546	
570-233498-14	GWPC-2	Total/NA	Solid	3546	
570-233498-15	GWPC-3	Total/NA	Solid	3546	
570-233498-16	GWPC-4	Total/NA	Solid	3546	
570-233498-17	VL0-1	Total/NA	Solid	3546	
570-233498-18	VL0-2	Total/NA	Solid	3546	
570-233498-19	TC-1	Total/NA	Solid	3546	
MB 570-583699/1-A	Method Blank	Total/NA	Solid	3546	
LCS 570-583699/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 570-583699/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
570-233498-1 MS	RC-1	Total/NA	Solid	3546	
570-233498-1 MSD	RC-1	Total/NA	Solid	3546	

Prep Batch: 583713

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-233498-20	TC-2	Total/NA	Solid	3546	
570-233498-21	AV-1	Total/NA	Solid	3546	
570-233498-22	AV-2	Total/NA	Solid	3546	
MB 570-583713/1-A	Method Blank	Total/NA	Solid	3546	
LCS 570-583713/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 570-583713/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
570-233498-21 MS	AV-1	Total/NA	Solid	3546	
570-233498-21 MSD	AV-1	Total/NA	Solid	3546	

Analysis Batch: 584596

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 570-583713/1-A	Method Blank	Total/NA	Solid	8270C SIM	583713
LCS 570-583713/2-A	Lab Control Sample	Total/NA	Solid	8270C SIM	583713
LCSD 570-583713/3-A	Lab Control Sample Dup	Total/NA	Solid	8270C SIM	583713

Analysis Batch: 584900

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-233498-20	TC-2	Total/NA	Solid	8270C SIM	583713
570-233498-21	AV-1	Total/NA	Solid	8270C SIM	583713
570-233498-21 MS	AV-1	Total/NA	Solid	8270C SIM	583713
570-233498-21 MSD	AV-1	Total/NA	Solid	8270C SIM	583713

Analysis Batch: 585557

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-233498-1	RC-1	Total/NA	Solid	8270C SIM	583699
570-233498-2	RC-2	Total/NA	Solid	8270C SIM	583699
570-233498-3	RC-3	Total/NA	Solid	8270C SIM	583699
570-233498-4	RC-4	Total/NA	Solid	8270C SIM	583699
570-233498-5	RC-5	Total/NA	Solid	8270C SIM	583699
570-233498-6	RC-6	Total/NA	Solid	8270C SIM	583699
570-233498-7	PP-1	Total/NA	Solid	8270C SIM	583699
570-233498-8	PP-2	Total/NA	Solid	8270C SIM	583699
570-233498-9	PP-3	Total/NA	Solid	8270C SIM	583699
570-233498-10	PP-4	Total/NA	Solid	8270C SIM	583699
570-233498-11	PP-5	Total/NA	Solid	8270C SIM	583699
570-233498-12	PP-6	Total/NA	Solid	8270C SIM	583699

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QC Association Summary

Client: Ninyo & Moore

Job ID: 570-233498-1

Project/Site: LARAP Pacific Palisades & Rustic Canyons

GC/MS Semi VOA (Continued)

Analysis Batch: 585557 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-233498-13	GWPC-1	Total/NA	Solid	8270C SIM	583699
570-233498-14	GWPC-2	Total/NA	Solid	8270C SIM	583699
570-233498-15	GWPC-3	Total/NA	Solid	8270C SIM	583699
570-233498-16	GWPC-4	Total/NA	Solid	8270C SIM	583699
570-233498-17	VL0-1	Total/NA	Solid	8270C SIM	583699
570-233498-18	VL0-2	Total/NA	Solid	8270C SIM	583699
570-233498-19	TC-1	Total/NA	Solid	8270C SIM	583699
MB 570-583699/1-A	Method Blank	Total/NA	Solid	8270C SIM	583699
LCS 570-583699/2-A	Lab Control Sample	Total/NA	Solid	8270C SIM	583699
LCSD 570-583699/3-A	Lab Control Sample Dup	Total/NA	Solid	8270C SIM	583699
570-233498-1 MS	RC-1	Total/NA	Solid	8270C SIM	583699
570-233498-1 MSD	RC-1	Total/NA	Solid	8270C SIM	583699

Analysis Batch: 585860

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-233498-22	AV-2	Total/NA	Solid	8270C SIM	583713

Metals

Prep Batch: 582399

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-233498-21	AV-1	Total/NA	Solid	7471A	
570-233498-22	AV-2	Total/NA	Solid	7471A	
MB 570-582399/1-A	Method Blank	Total/NA	Solid	7471A	
LCS 570-582399/2-A	Lab Control Sample	Total/NA	Solid	7471A	
LCSD 570-582399/3-A	Lab Control Sample Dup	Total/NA	Solid	7471A	
570-233622-A-1-D MS	Matrix Spike	Total/NA	Solid	7471A	
570-233622-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	7471A	

Prep Batch: 582486

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-233498-1	RC-1	Total/NA	Solid	7471A	
570-233498-2	RC-2	Total/NA	Solid	7471A	
570-233498-3	RC-3	Total/NA	Solid	7471A	
570-233498-4	RC-4	Total/NA	Solid	7471A	
570-233498-5	RC-5	Total/NA	Solid	7471A	
570-233498-6	RC-6	Total/NA	Solid	7471A	
570-233498-7	PP-1	Total/NA	Solid	7471A	
570-233498-8	PP-2	Total/NA	Solid	7471A	
570-233498-9	PP-3	Total/NA	Solid	7471A	
570-233498-10	PP-4	Total/NA	Solid	7471A	
570-233498-11	PP-5	Total/NA	Solid	7471A	
570-233498-12	PP-6	Total/NA	Solid	7471A	
570-233498-13	GWPC-1	Total/NA	Solid	7471A	
570-233498-14	GWPC-2	Total/NA	Solid	7471A	
570-233498-15	GWPC-3	Total/NA	Solid	7471A	
570-233498-16	GWPC-4	Total/NA	Solid	7471A	
570-233498-17	VL0-1	Total/NA	Solid	7471A	
570-233498-18	VL0-2	Total/NA	Solid	7471A	
570-233498-19	TC-1	Total/NA	Solid	7471A	
570-233498-20	TC-2	Total/NA	Solid	7471A	

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QC Association Summary

Client: Ninyo & Moore
Project/Site: LARAP Pacific Palisades & Rustic Canyons

Job ID: 570-233498-1

Metals (Continued)

Prep Batch: 582486 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 570-582486/1-A	Method Blank	Total/NA	Solid	7471A	
LCS 570-582486/2-A	Lab Control Sample	Total/NA	Solid	7471A	
LCSD 570-582486/3-A	Lab Control Sample Dup	Total/NA	Solid	7471A	
570-233498-1 MS	RC-1	Total/NA	Solid	7471A	
570-233498-1 MSD	RC-1	Total/NA	Solid	7471A	

Analysis Batch: 582642

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-233498-1	RC-1	Total/NA	Solid	7471A	582486
570-233498-2	RC-2	Total/NA	Solid	7471A	582486
570-233498-4	RC-4	Total/NA	Solid	7471A	582486
570-233498-5	RC-5	Total/NA	Solid	7471A	582486
570-233498-6	RC-6	Total/NA	Solid	7471A	582486
570-233498-7	PP-1	Total/NA	Solid	7471A	582486
570-233498-8	PP-2	Total/NA	Solid	7471A	582486
570-233498-9	PP-3	Total/NA	Solid	7471A	582486
570-233498-10	PP-4	Total/NA	Solid	7471A	582486
570-233498-11	PP-5	Total/NA	Solid	7471A	582486
570-233498-12	PP-6	Total/NA	Solid	7471A	582486
570-233498-21	AV-1	Total/NA	Solid	7471A	582399
570-233498-22	AV-2	Total/NA	Solid	7471A	582399
MB 570-582399/1-A	Method Blank	Total/NA	Solid	7471A	582399
MB 570-582486/1-A	Method Blank	Total/NA	Solid	7471A	582486
LCS 570-582399/2-A	Lab Control Sample	Total/NA	Solid	7471A	582399
LCS 570-582486/2-A	Lab Control Sample	Total/NA	Solid	7471A	582486
LCSD 570-582399/3-A	Lab Control Sample Dup	Total/NA	Solid	7471A	582399
LCSD 570-582486/3-A	Lab Control Sample Dup	Total/NA	Solid	7471A	582486
570-233498-1 MS	RC-1	Total/NA	Solid	7471A	582486
570-233498-1 MSD	RC-1	Total/NA	Solid	7471A	582486
570-233622-A-1-D MS	Matrix Spike	Total/NA	Solid	7471A	582399
570-233622-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	7471A	582399

Analysis Batch: 583151

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-233498-3	RC-3	Total/NA	Solid	7471A	582486
570-233498-13	GWPC-1	Total/NA	Solid	7471A	582486
570-233498-14	GWPC-2	Total/NA	Solid	7471A	582486
570-233498-15	GWPC-3	Total/NA	Solid	7471A	582486
570-233498-16	GWPC-4	Total/NA	Solid	7471A	582486
570-233498-17	VL0-1	Total/NA	Solid	7471A	582486
570-233498-18	VL0-2	Total/NA	Solid	7471A	582486
570-233498-19	TC-1	Total/NA	Solid	7471A	582486
570-233498-20	TC-2	Total/NA	Solid	7471A	582486

Prep Batch: 583219

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-233498-1	RC-1	Total/NA	Solid	3051A	
570-233498-3	RC-3	Total/NA	Solid	3051A	
570-233498-5	RC-5	Total/NA	Solid	3051A	
570-233498-6	RC-6	Total/NA	Solid	3051A	
570-233498-7	PP-1	Total/NA	Solid	3051A	

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QC Association Summary

Client: Ninyo & Moore
Project/Site: LARAP Pacific Palisades & Rustic Canyons

Job ID: 570-233498-1

Metals (Continued)

Prep Batch: 583219 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-233498-8	PP-2	Total/NA	Solid	3051A	
570-233498-9	PP-3	Total/NA	Solid	3051A	
570-233498-10	PP-4	Total/NA	Solid	3051A	
570-233498-11	PP-5	Total/NA	Solid	3051A	
570-233498-12	PP-6	Total/NA	Solid	3051A	
570-233498-13	GWPC-1	Total/NA	Solid	3051A	
570-233498-14	GWPC-2	Total/NA	Solid	3051A	
570-233498-15	GWPC-3	Total/NA	Solid	3051A	
570-233498-16	GWPC-4	Total/NA	Solid	3051A	
570-233498-17	VL0-1	Total/NA	Solid	3051A	
570-233498-18	VL0-2	Total/NA	Solid	3051A	
570-233498-19	TC-1	Total/NA	Solid	3051A	
570-233498-20	TC-2	Total/NA	Solid	3051A	
570-233498-21	AV-1	Total/NA	Solid	3051A	
570-233498-22	AV-2	Total/NA	Solid	3051A	
MB 570-583219/1-A	Method Blank	Total/NA	Solid	3051A	
LCS 570-583219/2-A	Lab Control Sample	Total/NA	Solid	3051A	
LCSD 570-583219/3-A	Lab Control Sample Dup	Total/NA	Solid	3051A	
570-233498-1 MS	RC-1	Total/NA	Solid	3051A	
570-233498-1 MSD	RC-1	Total/NA	Solid	3051A	

Prep Batch: 583399

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-233498-2	RC-2	Total/NA	Solid	3051A	
570-233498-4	RC-4	Total/NA	Solid	3051A	
MB 570-583399/1-A	Method Blank	Total/NA	Solid	3051A	
LCS 570-583399/2-A	Lab Control Sample	Total/NA	Solid	3051A	
LCSD 570-583399/3-A	Lab Control Sample Dup	Total/NA	Solid	3051A	
570-234076-G-1-B MS	Matrix Spike	Total/NA	Solid	3051A	
570-234076-G-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	3051A	

Analysis Batch: 585913

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-233498-2	RC-2	Total/NA	Solid	6010B	583399
570-233498-4	RC-4	Total/NA	Solid	6010B	583399
MB 570-583399/1-A	Method Blank	Total/NA	Solid	6010B	583399
LCS 570-583399/2-A	Lab Control Sample	Total/NA	Solid	6010B	583399
LCSD 570-583399/3-A	Lab Control Sample Dup	Total/NA	Solid	6010B	583399
570-234076-G-1-B MS	Matrix Spike	Total/NA	Solid	6010B	583399
570-234076-G-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	6010B	583399

Analysis Batch: 586040

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-233498-1	RC-1	Total/NA	Solid	6010B	583219
570-233498-3	RC-3	Total/NA	Solid	6010B	583219
570-233498-5	RC-5	Total/NA	Solid	6010B	583219
570-233498-6	RC-6	Total/NA	Solid	6010B	583219
570-233498-7	PP-1	Total/NA	Solid	6010B	583219
570-233498-8	PP-2	Total/NA	Solid	6010B	583219
570-233498-9	PP-3	Total/NA	Solid	6010B	583219
570-233498-10	PP-4	Total/NA	Solid	6010B	583219

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QC Association Summary

Client: Ninyo & Moore

Job ID: 570-233498-1

Project/Site: LARAP Pacific Palisades & Rustic Canyons

Metals (Continued)

Analysis Batch: 586040 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-233498-11	PP-5	Total/NA	Solid	6010B	583219
570-233498-12	PP-6	Total/NA	Solid	6010B	583219
570-233498-13	GWPC-1	Total/NA	Solid	6010B	583219
570-233498-14	GWPC-2	Total/NA	Solid	6010B	583219
570-233498-15	GWPC-3	Total/NA	Solid	6010B	583219
570-233498-16	GWPC-4	Total/NA	Solid	6010B	583219
570-233498-17	VL0-1	Total/NA	Solid	6010B	583219
570-233498-18	VL0-2	Total/NA	Solid	6010B	583219
570-233498-19	TC-1	Total/NA	Solid	6010B	583219
MB 570-583219/1-A	Method Blank	Total/NA	Solid	6010B	583219
LCS 570-583219/2-A	Lab Control Sample	Total/NA	Solid	6010B	583219
LCSD 570-583219/3-A	Lab Control Sample Dup	Total/NA	Solid	6010B	583219
570-233498-1 MS	RC-1	Total/NA	Solid	6010B	583219
570-233498-1 MSD	RC-1	Total/NA	Solid	6010B	583219

Analysis Batch: 586105

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-233498-20	TC-2	Total/NA	Solid	6010B	583219
570-233498-21	AV-1	Total/NA	Solid	6010B	583219
570-233498-22	AV-2	Total/NA	Solid	6010B	583219

Lab Chronicle

Client: Ninyo & Moore
Project/Site: LARAP Pacific Palisades & Rustic Canyons

Job ID: 570-233498-1

Client Sample ID: RC-1

Lab Sample ID: 570-233498-1

Date Collected: 06/05/25 09:00

Matrix: Solid

Date Received: 06/05/25 18:38

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			3.413 g	5 mL	581397	06/09/25 10:39	X7LQ	EET CAL 4
Total/NA	Analysis	8260B		1	5 g	5 mL	581594	06/09/25 22:16	NR	EET CAL 4
Instrument ID: GCMSQQ										
Total/NA	Prep	3546			10.08 g	2 mL	583699	06/13/25 09:36	XG8M	EET CAL 4
Total/NA	Analysis	8270C SIM		1	1 mL	1 mL	585557	06/17/25 23:11	PQS1	EET CAL 4
Instrument ID: GCMS84										
Total/NA	Prep	3051A			0.5148 g	50 mL	583219	06/13/25 10:00	SXN8	EET CAL 4
Total/NA	Analysis	6010B		2			586040	06/18/25 12:45	P1R	EET CAL 4
Instrument ID: ICP11										
Total/NA	Prep	7471A			0.48 g	50 mL	582486	06/11/25 09:09	VCN7	EET CAL 4
Total/NA	Analysis	7471A		1			582642	06/11/25 13:03	RL6Q	EET CAL 4
Instrument ID: HG7										

Client Sample ID: RC-2

Lab Sample ID: 570-233498-2

Date Collected: 06/05/25 09:10

Matrix: Solid

Date Received: 06/05/25 18:38

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			5.12 g	5 mL	583296	06/12/25 14:52	NR	EET CAL 4
Total/NA	Analysis	8260B		1	5 g	5 mL	583354	06/13/25 02:35	NR	EET CAL 4
Instrument ID: GCMSQ										
Total/NA	Prep	3546			10.00 g	2 mL	583699	06/13/25 09:36	XG8M	EET CAL 4
Total/NA	Analysis	8270C SIM		1	1 mL	1 mL	585557	06/17/25 23:34	PQS1	EET CAL 4
Instrument ID: GCMS84										
Total/NA	Prep	3051A			0.4962 g	50 mL	583399	06/13/25 10:00	SXN8	EET CAL 4
Total/NA	Analysis	6010B		2			585913	06/16/25 14:24	VZOK	EET CAL 4
Instrument ID: ICP11										
Total/NA	Prep	7471A			0.47 g	50 mL	582486	06/11/25 09:09	VCN7	EET CAL 4
Total/NA	Analysis	7471A		1			582642	06/11/25 13:13	RL6Q	EET CAL 4
Instrument ID: HG7										

Client Sample ID: RC-3

Lab Sample ID: 570-233498-3

Date Collected: 06/05/25 08:50

Matrix: Solid

Date Received: 06/05/25 18:38

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2.897 g	5 mL	581397	06/09/25 10:39	X7LQ	EET CAL 4
Total/NA	Analysis	8260B		1	5 g	5 mL	581594	06/09/25 23:02	NR	EET CAL 4
Instrument ID: GCMSQQ										
Total/NA	Prep	3546			10.01 g	2 mL	583699	06/13/25 09:36	XG8M	EET CAL 4
Total/NA	Analysis	8270C SIM		1	1 mL	1 mL	585557	06/17/25 23:57	PQS1	EET CAL 4
Instrument ID: GCMS84										
Total/NA	Prep	3051A			0.5054 g	50 mL	583219	06/13/25 10:00	SXN8	EET CAL 4
Total/NA	Analysis	6010B		2			586040	06/18/25 13:03	P1R	EET CAL 4
Instrument ID: ICP11										

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Lab Chronicle

Client: Ninyo & Moore
Project/Site: LARAP Pacific Palisades & Rustic Canyons

Job ID: 570-233498-1

Client Sample ID: RC-3

Date Collected: 06/05/25 08:50

Date Received: 06/05/25 18:38

Lab Sample ID: 570-233498-3

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471A			0.48 g	50 mL	582486	06/11/25 09:09	VCN7	EET CAL 4
Total/NA	Analysis	7471A		1			583151	06/12/25 08:41	RL6Q	EET CAL 4
Instrument ID: HG8										

Client Sample ID: RC-4

Date Collected: 06/05/25 09:20

Date Received: 06/05/25 18:38

Lab Sample ID: 570-233498-4

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			5.07 g	5 mL	583296	06/12/25 14:52	NR	EET CAL 4
Total/NA	Analysis	8260B		1	5 g	5 mL	583354	06/13/25 02:56	NR	EET CAL 4
Instrument ID: GCMSQ										
Total/NA	Prep	3546			10.08 g	2 mL	583699	06/13/25 09:36	XG8M	EET CAL 4
Total/NA	Analysis	8270C SIM		1	1 mL	1 mL	585557	06/18/25 00:19	PQS1	EET CAL 4
Instrument ID: GCMS84										
Total/NA	Prep	3051A			0.5326 g	50 mL	583399	06/13/25 10:00	SXN8	EET CAL 4
Total/NA	Analysis	6010B		2			585913	06/16/25 14:27	VZ0K	EET CAL 4
Instrument ID: ICP11										
Total/NA	Prep	7471A			0.47 g	50 mL	582486	06/11/25 09:09	VCN7	EET CAL 4
Total/NA	Analysis	7471A		1			582642	06/11/25 13:22	RL6Q	EET CAL 4
Instrument ID: HG7										

Client Sample ID: RC-5

Date Collected: 06/05/25 08:40

Date Received: 06/05/25 18:38

Lab Sample ID: 570-233498-5

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			3.539 g	5 mL	581397	06/09/25 10:39	X7LQ	EET CAL 4
Total/NA	Analysis	8260B		1	5 g	5 mL	581594	06/09/25 23:48	NR	EET CAL 4
Instrument ID: GCMSQQ										
Total/NA	Prep	3546			10.10 g	2 mL	583699	06/13/25 09:36	XG8M	EET CAL 4
Total/NA	Analysis	8270C SIM		1	1 mL	1 mL	585557	06/18/25 00:42	PQS1	EET CAL 4
Instrument ID: GCMS84										
Total/NA	Prep	3051A			0.5212 g	50 mL	583219	06/13/25 10:00	SXN8	EET CAL 4
Total/NA	Analysis	6010B		2			586040	06/18/25 13:05	P1R	EET CAL 4
Instrument ID: ICP11										
Total/NA	Prep	7471A			0.47 g	50 mL	582486	06/11/25 09:09	VCN7	EET CAL 4
Total/NA	Analysis	7471A		1			582642	06/11/25 13:24	RL6Q	EET CAL 4
Instrument ID: HG7										

Lab Chronicle

Client: Ninyo & Moore
Project/Site: LARAP Pacific Palisades & Rustic Canyons

Job ID: 570-233498-1

Client Sample ID: RC-6

Lab Sample ID: 570-233498-6

Date Collected: 06/05/25 08:30

Matrix: Solid

Date Received: 06/05/25 18:38

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.312 g	5 mL	581397	06/09/25 10:39	X7LQ	EET CAL 4
Total/NA	Analysis	8260B		1	5 g	5 mL	581594	06/10/25 00:11	NR	EET CAL 4
Instrument ID: GCMSQQ										
Total/NA	Prep	3546			10.12 g	2 mL	583699	06/13/25 09:36	XG8M	EET CAL 4
Total/NA	Analysis	8270C SIM		1	1 mL	1 mL	585557	06/18/25 01:05	PQS1	EET CAL 4
Instrument ID: GCMS84										
Total/NA	Prep	3051A			0.5478 g	50 mL	583219	06/13/25 10:00	SXN8	EET CAL 4
Total/NA	Analysis	6010B		2			586040	06/18/25 13:07	P1R	EET CAL 4
Instrument ID: ICP11										
Total/NA	Prep	7471A			0.51 g	50 mL	582486	06/11/25 09:09	VCN7	EET CAL 4
Total/NA	Analysis	7471A		1			582642	06/11/25 13:26	RL6Q	EET CAL 4
Instrument ID: HG7										

Client Sample ID: PP-1

Lab Sample ID: 570-233498-7

Date Collected: 06/05/25 09:30

Matrix: Solid

Date Received: 06/05/25 18:38

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.171 g	5 mL	581397	06/09/25 10:39	X7LQ	EET CAL 4
Total/NA	Analysis	8260B		1	5 g	5 mL	581594	06/10/25 00:34	NR	EET CAL 4
Instrument ID: GCMSQQ										
Total/NA	Prep	3546			10.17 g	2 mL	583699	06/13/25 09:36	XG8M	EET CAL 4
Total/NA	Analysis	8270C SIM		1	1 mL	1 mL	585557	06/18/25 01:27	PQS1	EET CAL 4
Instrument ID: GCMS84										
Total/NA	Prep	3051A			0.4981 g	50 mL	583219	06/13/25 10:00	SXN8	EET CAL 4
Total/NA	Analysis	6010B		2			586040	06/18/25 13:10	P1R	EET CAL 4
Instrument ID: ICP11										
Total/NA	Prep	7471A			0.51 g	50 mL	582486	06/11/25 09:09	VCN7	EET CAL 4
Total/NA	Analysis	7471A		1			582642	06/11/25 13:28	RL6Q	EET CAL 4
Instrument ID: HG7										

Client Sample ID: PP-2

Lab Sample ID: 570-233498-8

Date Collected: 06/05/25 09:40

Matrix: Solid

Date Received: 06/05/25 18:38

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			5.18 g	5 mL	582589	06/11/25 08:00	AJ4K	EET CAL 4
Total/NA	Analysis	8260B		1	5 g	5 mL	582439	06/11/25 16:31	AJ4K	EET CAL 4
Instrument ID: GCMSQ										
Total/NA	Prep	3546			10.03 g	2 mL	583699	06/13/25 09:36	XG8M	EET CAL 4
Total/NA	Analysis	8270C SIM		1	1 mL	1 mL	585557	06/18/25 01:50	PQS1	EET CAL 4
Instrument ID: GCMS84										
Total/NA	Prep	3051A			0.5411 g	50 mL	583219	06/13/25 10:00	SXN8	EET CAL 4
Total/NA	Analysis	6010B		2			586040	06/18/25 13:12	P1R	EET CAL 4
Instrument ID: ICP11										

Lab Chronicle

Client: Ninyo & Moore
Project/Site: LARAP Pacific Palisades & Rustic Canyons

Job ID: 570-233498-1

Client Sample ID: PP-2

Date Collected: 06/05/25 09:40

Date Received: 06/05/25 18:38

Lab Sample ID: 570-233498-8

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471A			0.50 g	50 mL	582486	06/11/25 09:09	VCN7	EET CAL 4
Total/NA	Analysis	7471A		1			582642	06/11/25 13:30	RL6Q	EET CAL 4
Instrument ID: HG7										

Client Sample ID: PP-3

Date Collected: 06/05/25 10:00

Date Received: 06/05/25 18:38

Lab Sample ID: 570-233498-9

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.221 g	5 mL	581397	06/09/25 10:39	X7LQ	EET CAL 4
Total/NA	Analysis	8260B		1	5 g	5 mL	581594	06/10/25 01:20	NR	EET CAL 4
Instrument ID: GCMSQQ										
Total/NA	Prep	3546			10.16 g	2 mL	583699	06/13/25 09:36	XG8M	EET CAL 4
Total/NA	Analysis	8270C SIM		1	1 mL	1 mL	585557	06/18/25 02:12	PQS1	EET CAL 4
Instrument ID: GCMS84										
Total/NA	Prep	3051A			0.5605 g	50 mL	583219	06/13/25 10:00	SXN8	EET CAL 4
Total/NA	Analysis	6010B		2			586040	06/18/25 13:14	P1R	EET CAL 4
Instrument ID: ICP11										
Total/NA	Prep	7471A			0.51 g	50 mL	582486	06/11/25 09:09	VCN7	EET CAL 4
Total/NA	Analysis	7471A		1			582642	06/11/25 13:31	RL6Q	EET CAL 4
Instrument ID: HG7										

Client Sample ID: PP-4

Date Collected: 06/05/25 09:50

Date Received: 06/05/25 18:38

Lab Sample ID: 570-233498-10

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			1.334 g	5 mL	581397	06/09/25 10:39	X7LQ	EET CAL 4
Total/NA	Analysis	8260B		1	5 g	5 mL	581820	06/10/25 11:12	AJ4K	EET CAL 4
Instrument ID: GCMSGGG										
Total/NA	Prep	3546			9.99 g	2 mL	583699	06/13/25 09:36	XG8M	EET CAL 4
Total/NA	Analysis	8270C SIM		1	1 mL	1 mL	585557	06/18/25 02:35	PQS1	EET CAL 4
Instrument ID: GCMS84										
Total/NA	Prep	3051A			0.5020 g	50 mL	583219	06/13/25 10:00	SXN8	EET CAL 4
Total/NA	Analysis	6010B		2			586040	06/18/25 13:46	P1R	EET CAL 4
Instrument ID: ICP11										
Total/NA	Prep	7471A			0.47 g	50 mL	582486	06/11/25 09:09	VCN7	EET CAL 4
Total/NA	Analysis	7471A		1			582642	06/11/25 13:33	RL6Q	EET CAL 4
Instrument ID: HG7										

Lab Chronicle

Client: Ninyo & Moore
Project/Site: LARAP Pacific Palisades & Rustic Canyons

Job ID: 570-233498-1

Client Sample ID: PP-5

Date Collected: 06/05/25 10:10

Date Received: 06/05/25 18:38

Lab Sample ID: 570-233498-11

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2.218 g	5 mL	581397	06/09/25 10:39	X7LQ	EET CAL 4
Total/NA	Analysis	8260B		1	5 g	5 mL	581820	06/10/25 11:33	AJ4K	EET CAL 4
Instrument ID: GCMSGGG										
Total/NA	Prep	3546			10.14 g	2 mL	583699	06/13/25 09:36	XG8M	EET CAL 4
Total/NA	Analysis	8270C SIM		1	1 mL	1 mL	585557	06/18/25 02:57	PQS1	EET CAL 4
Instrument ID: GCMS84										
Total/NA	Prep	3051A			0.5403 g	50 mL	583219	06/13/25 10:00	SXN8	EET CAL 4
Total/NA	Analysis	6010B		2			586040	06/18/25 13:49	P1R	EET CAL 4
Instrument ID: ICP11										
Total/NA	Prep	7471A			0.48 g	50 mL	582486	06/11/25 09:09	VCN7	EET CAL 4
Total/NA	Analysis	7471A		1			582642	06/11/25 13:35	RL6Q	EET CAL 4
Instrument ID: HG7										

Client Sample ID: PP-6

Date Collected: 06/05/25 10:20

Date Received: 06/05/25 18:38

Lab Sample ID: 570-233498-12

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2.639 g	5 mL	581397	06/09/25 10:39	X7LQ	EET CAL 4
Total/NA	Analysis	8260B		1	5 g	5 mL	581594	06/10/25 01:43	NR	EET CAL 4
Instrument ID: GCMSQQ										
Total/NA	Prep	3546			10.17 g	2 mL	583699	06/13/25 09:36	XG8M	EET CAL 4
Total/NA	Analysis	8270C SIM		1	1 mL	1 mL	585557	06/18/25 03:20	PQS1	EET CAL 4
Instrument ID: GCMS84										
Total/NA	Prep	3051A			0.5042 g	50 mL	583219	06/13/25 10:00	SXN8	EET CAL 4
Total/NA	Analysis	6010B		2			586040	06/18/25 13:51	P1R	EET CAL 4
Instrument ID: ICP11										
Total/NA	Prep	7471A			0.50 g	50 mL	582486	06/11/25 09:09	VCN7	EET CAL 4
Total/NA	Analysis	7471A		1			582642	06/11/25 13:37	RL6Q	EET CAL 4
Instrument ID: HG7										

Client Sample ID: GWPC-1

Date Collected: 06/05/25 11:20

Date Received: 06/05/25 18:38

Lab Sample ID: 570-233498-13

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			3.365 g	5 mL	581397	06/09/25 10:39	X7LQ	EET CAL 4
Total/NA	Analysis	8260B		1	5 g	5 mL	581594	06/10/25 02:06	NR	EET CAL 4
Instrument ID: GCMSQQ										
Total/NA	Prep	3546			10.04 g	2 mL	583699	06/13/25 09:36	XG8M	EET CAL 4
Total/NA	Analysis	8270C SIM		1	1 mL	1 mL	585557	06/18/25 03:42	PQS1	EET CAL 4
Instrument ID: GCMS84										
Total/NA	Prep	3051A			0.5310 g	50 mL	583219	06/13/25 10:00	SXN8	EET CAL 4
Total/NA	Analysis	6010B		2			586040	06/18/25 13:53	P1R	EET CAL 4
Instrument ID: ICP11										

Lab Chronicle

Client: Ninyo & Moore
Project/Site: LARAP Pacific Palisades & Rustic Canyons

Job ID: 570-233498-1

Client Sample ID: GWPC-1

Lab Sample ID: 570-233498-13

Date Collected: 06/05/25 11:20

Matrix: Solid

Date Received: 06/05/25 18:38

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471A			0.47 g	50 mL	582486	06/11/25 09:09	VCN7	EET CAL 4
Total/NA	Analysis	7471A		1			583151	06/12/25 08:18	RL6Q	EET CAL 4
Instrument ID: HG8										

Client Sample ID: GWPC-2

Lab Sample ID: 570-233498-14

Date Collected: 06/05/25 11:30

Matrix: Solid

Date Received: 06/05/25 18:38

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.035 g	5 mL	581397	06/09/25 10:39	X7LQ	EET CAL 4
Total/NA	Analysis	8260B		1	5 g	5 mL	581594	06/10/25 02:29	NR	EET CAL 4
Instrument ID: GCMSQQ										
Total/NA	Prep	3546			9.99 g	2 mL	583699	06/13/25 09:36	XG8M	EET CAL 4
Total/NA	Analysis	8270C SIM		1	1 mL	1 mL	585557	06/18/25 04:05	PQS1	EET CAL 4
Instrument ID: GCMS84										
Total/NA	Prep	3051A			0.5148 g	50 mL	583219	06/13/25 10:00	SXN8	EET CAL 4
Total/NA	Analysis	6010B		2			586040	06/18/25 13:56	P1R	EET CAL 4
Instrument ID: ICP11										
Total/NA	Prep	7471A			0.51 g	50 mL	582486	06/11/25 09:09	VCN7	EET CAL 4
Total/NA	Analysis	7471A		1			583151	06/12/25 08:20	RL6Q	EET CAL 4
Instrument ID: HG8										

Client Sample ID: GWPC-3

Lab Sample ID: 570-233498-15

Date Collected: 06/05/25 11:40

Matrix: Solid

Date Received: 06/05/25 18:38

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			3.699 g	5 mL	581397	06/09/25 10:39	X7LQ	EET CAL 4
Total/NA	Analysis	8260B		1	5 g	5 mL	581820	06/10/25 12:15	AJ4K	EET CAL 4
Instrument ID: GCMSGGG										
Total/NA	Prep	3546			10.09 g	2 mL	583699	06/13/25 09:36	XG8M	EET CAL 4
Total/NA	Analysis	8270C SIM		1	1 mL	1 mL	585557	06/18/25 04:28	PQS1	EET CAL 4
Instrument ID: GCMS84										
Total/NA	Prep	3051A			0.5372 g	50 mL	583219	06/13/25 10:00	SXN8	EET CAL 4
Total/NA	Analysis	6010B		2			586040	06/18/25 13:58	P1R	EET CAL 4
Instrument ID: ICP11										
Total/NA	Prep	7471A			0.47 g	50 mL	582486	06/11/25 09:09	VCN7	EET CAL 4
Total/NA	Analysis	7471A		1			583151	06/12/25 08:22	RL6Q	EET CAL 4
Instrument ID: HG8										

Lab Chronicle

Client: Ninyo & Moore
Project/Site: LARAP Pacific Palisades & Rustic Canyons

Job ID: 570-233498-1

Client Sample ID: GWPC-4

Lab Sample ID: 570-233498-16

Date Collected: 06/05/25 11:50

Matrix: Solid

Date Received: 06/05/25 18:38

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			3.587 g	5 mL	581397	06/09/25 10:39	X7LQ	EET CAL 4
Total/NA	Analysis	8260B		1	5 g	5 mL	581594	06/10/25 03:14	NR	EET CAL 4
Instrument ID: GCMSQQ										
Total/NA	Prep	3546			9.94 g	2 mL	583699	06/13/25 09:36	XG8M	EET CAL 4
Total/NA	Analysis	8270C SIM		1	1 mL	1 mL	585557	06/18/25 04:50	PQS1	EET CAL 4
Instrument ID: GCMS84										
Total/NA	Prep	3051A			0.5400 g	50 mL	583219	06/13/25 10:00	SXN8	EET CAL 4
Total/NA	Analysis	6010B		2			586040	06/18/25 14:01	P1R	EET CAL 4
Instrument ID: ICP11										
Total/NA	Prep	7471A			0.49 g	50 mL	582486	06/11/25 09:09	VCN7	EET CAL 4
Total/NA	Analysis	7471A		1			583151	06/12/25 08:24	RL6Q	EET CAL 4
Instrument ID: HG8										

Client Sample ID: VL0-1

Lab Sample ID: 570-233498-17

Date Collected: 06/05/25 12:55

Matrix: Solid

Date Received: 06/05/25 18:38

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.337 g	5 mL	581397	06/09/25 10:39	X7LQ	EET CAL 4
Total/NA	Analysis	8260B		1	5 g	5 mL	581820	06/10/25 12:36	AJ4K	EET CAL 4
Instrument ID: GCMSGGG										
Total/NA	Prep	3546			10.10 g	2 mL	583699	06/13/25 09:36	XG8M	EET CAL 4
Total/NA	Analysis	8270C SIM		1	1 mL	1 mL	585557	06/18/25 05:13	PQS1	EET CAL 4
Instrument ID: GCMS84										
Total/NA	Prep	3051A			0.5092 g	50 mL	583219	06/13/25 10:00	SXN8	EET CAL 4
Total/NA	Analysis	6010B		2			586040	06/18/25 14:03	P1R	EET CAL 4
Instrument ID: ICP11										
Total/NA	Prep	7471A			0.52 g	50 mL	582486	06/11/25 09:09	VCN7	EET CAL 4
Total/NA	Analysis	7471A		1			583151	06/12/25 08:31	RL6Q	EET CAL 4
Instrument ID: HG8										

Client Sample ID: VL0-2

Lab Sample ID: 570-233498-18

Date Collected: 06/05/25 12:50

Matrix: Solid

Date Received: 06/05/25 18:38

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			3.017 g	5 mL	581397	06/09/25 10:39	X7LQ	EET CAL 4
Total/NA	Analysis	8260B		1	5 g	5 mL	581594	06/10/25 04:00	NR	EET CAL 4
Instrument ID: GCMSQQ										
Total/NA	Prep	3546			10.07 g	2 mL	583699	06/13/25 09:36	XG8M	EET CAL 4
Total/NA	Analysis	8270C SIM		10	1 mL	1 mL	585557	06/18/25 05:35	PQS1	EET CAL 4
Instrument ID: GCMS84										
Total/NA	Prep	3051A			0.5117 g	50 mL	583219	06/13/25 10:00	SXN8	EET CAL 4
Total/NA	Analysis	6010B		2			586040	06/18/25 14:05	P1R	EET CAL 4
Instrument ID: ICP11										

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Lab Chronicle

Client: Ninyo & Moore
Project/Site: LARAP Pacific Palisades & Rustic Canyons

Job ID: 570-233498-1

Client Sample ID: VL0-2

Lab Sample ID: 570-233498-18

Date Collected: 06/05/25 12:50

Matrix: Solid

Date Received: 06/05/25 18:38

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471A			0.49 g	50 mL	582486	06/11/25 09:09	VCN7	EET CAL 4
Total/NA	Analysis	7471A		1			583151	06/12/25 08:37	RL6Q	EET CAL 4
Instrument ID: HG8										

Client Sample ID: TC-1

Lab Sample ID: 570-233498-19

Date Collected: 06/05/25 13:35

Matrix: Solid

Date Received: 06/05/25 18:38

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2.879 g	5 mL	581397	06/09/25 10:39	X7LQ	EET CAL 4
Total/NA	Analysis	8260B		1	5 g	5 mL	581594	06/10/25 04:23	NR	EET CAL 4
Instrument ID: GCMSQQ										
Total/NA	Prep	3546			10.17 g	2 mL	583699	06/13/25 09:36	XG8M	EET CAL 4
Total/NA	Analysis	8270C SIM		1	1 mL	1 mL	585557	06/18/25 05:58	PQS1	EET CAL 4
Instrument ID: GCMS84										
Total/NA	Prep	3051A			0.5099 g	50 mL	583219	06/13/25 10:00	SXN8	EET CAL 4
Total/NA	Analysis	6010B		2			586040	06/18/25 14:07	P1R	EET CAL 4
Instrument ID: ICP11										
Total/NA	Prep	7471A			0.52 g	50 mL	582486	06/11/25 09:09	VCN7	EET CAL 4
Total/NA	Analysis	7471A		1			583151	06/12/25 08:35	RL6Q	EET CAL 4
Instrument ID: HG8										

Client Sample ID: TC-2

Lab Sample ID: 570-233498-20

Date Collected: 06/05/25 13:30

Matrix: Solid

Date Received: 06/05/25 18:38

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			5.08 g	5 mL	582589	06/11/25 08:00	AJ4K	EET CAL 4
Total/NA	Analysis	8260B		1	5 g	5 mL	582439	06/11/25 16:52	AJ4K	EET CAL 4
Instrument ID: GCMSQ										
Total/NA	Prep	3546			10.00 g	2 mL	583713	06/13/25 09:39	XG8M	EET CAL 4
Total/NA	Analysis	8270C SIM		1	1 mL	1 mL	584900	06/17/25 04:49	AX7Z	EET CAL 4
Instrument ID: GCMSMM										
Total/NA	Prep	3051A			0.5140 g	50 mL	583219	06/13/25 10:00	SXN8	EET CAL 4
Total/NA	Analysis	6010B		2			586105	06/18/25 16:11	P1R	EET CAL 4
Instrument ID: ICP11										
Total/NA	Prep	7471A			0.53 g	50 mL	582486	06/11/25 09:09	VCN7	EET CAL 4
Total/NA	Analysis	7471A		1			583151	06/12/25 08:39	RL6Q	EET CAL 4
Instrument ID: HG8										

Lab Chronicle

Client: Ninyo & Moore
Project/Site: LARAP Pacific Palisades & Rustic Canyons

Job ID: 570-233498-1

Client Sample ID: AV-1

Lab Sample ID: 570-233498-21

Date Collected: 06/05/25 13:55

Matrix: Solid

Date Received: 06/05/25 18:38

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			3.929 g	5 mL	581397	06/09/25 10:39	X7LQ	EET CAL 4
Total/NA	Analysis	8260B		1	5 g	5 mL	581594	06/10/25 04:46	NR	EET CAL 4
Instrument ID: GCMSQQ										
Total/NA	Prep	3546			9.99 g	2 mL	583713	06/13/25 09:39	XG8M	EET CAL 4
Total/NA	Analysis	8270C SIM		1	1 mL	1 mL	584900	06/17/25 04:26	AX7Z	EET CAL 4
Instrument ID: GCMSMM										
Total/NA	Prep	3051A			0.5014 g	50 mL	583219	06/13/25 10:00	SXN8	EET CAL 4
Total/NA	Analysis	6010B		2			586105	06/18/25 16:13	P1R	EET CAL 4
Instrument ID: ICP11										
Total/NA	Prep	7471A			0.47 g	50 mL	582399	06/11/25 06:51	VCN7	EET CAL 4
Total/NA	Analysis	7471A		1			582642	06/11/25 09:27	RL6Q	EET CAL 4
Instrument ID: HG7										

Client Sample ID: AV-2

Lab Sample ID: 570-233498-22

Date Collected: 06/05/25 13:55

Matrix: Solid

Date Received: 06/05/25 18:38

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			5.06 g	5 mL	582589	06/11/25 08:00	AJ4K	EET CAL 4
Total/NA	Analysis	8260B		1	5 g	5 mL	582439	06/11/25 17:13	AJ4K	EET CAL 4
Instrument ID: GCMSQ										
Total/NA	Prep	3546			10.00 g	2 mL	583713	06/13/25 09:39	XG8M	EET CAL 4
Total/NA	Analysis	8270C SIM		5	1 mL	1 mL	585860	06/18/25 14:59	AX7Z	EET CAL 4
Instrument ID: GCMSMM										
Total/NA	Prep	3051A			0.5257 g	50 mL	583219	06/13/25 10:00	SXN8	EET CAL 4
Total/NA	Analysis	6010B		2			586105	06/18/25 16:16	P1R	EET CAL 4
Instrument ID: ICP11										
Total/NA	Prep	7471A			0.47 g	50 mL	582399	06/11/25 06:51	VCN7	EET CAL 4
Total/NA	Analysis	7471A		1			582642	06/11/25 09:29	RL6Q	EET CAL 4
Instrument ID: HG7										

Laboratory References:

EET CAL 4 = Eurofins Calscience Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494

EM Tustin = EMLab P&K Tustin CA, 2841 Dow Ave., Suite 300, Tustin, CA 92780

Accreditation/Certification Summary

Client: Ninyo & Moore
Project/Site: LARAP Pacific Palisades & Rustic Canyons

Job ID: 570-233498-1

Laboratory: Eurofins Calscience

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
California	State	3082	07-31-25
Oregon	NELAP	4175	02-02-26

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Method Summary

Client: Ninyo & Moore

Job ID: 570-233498-1

Project/Site: LARAP Pacific Palisades & Rustic Canyons

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	EET CAL 4
8270C SIM	PAHs (GC/MS SIM)	SW846	EET CAL 4
6010B	Metals (ICP)	SW846	EET CAL 4
7471A	Mercury (CVAA)	SW846	EET CAL 4
Subcontract	Asbestos PLM EPA 600/R-93/116 (Qualitative)	None	EM Tustin
3051A	Preparation, Metals, Microwave Assisted	SW846	EET CAL 4
3546	Microwave Extraction	SW846	EET CAL 4
5030C	Purge and Trap	SW846	EET CAL 4
5035	Closed System Purge and Trap	SW846	EET CAL 4
7471A	Preparation, Mercury	SW846	EET CAL 4

Protocol References:

None = None

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET CAL 4 = Eurofins Calscience Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494

EM Tustin = EMLab P&K Tustin CA, 2841 Dow Ave., Suite 300, Tustin, CA 92780

Sample Summary

Client: Ninyo & Moore

Job ID: 570-233498-1

Project/Site: LARAP Pacific Palisades & Rustic Canyons

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
570-233498-1	RC-1	Solid	06/05/25 09:00	06/05/25 18:38
570-233498-2	RC-2	Solid	06/05/25 09:10	06/05/25 18:38
570-233498-3	RC-3	Solid	06/05/25 08:50	06/05/25 18:38
570-233498-4	RC-4	Solid	06/05/25 09:20	06/05/25 18:38
570-233498-5	RC-5	Solid	06/05/25 08:40	06/05/25 18:38
570-233498-6	RC-6	Solid	06/05/25 08:30	06/05/25 18:38
570-233498-7	PP-1	Solid	06/05/25 09:30	06/05/25 18:38
570-233498-8	PP-2	Solid	06/05/25 09:40	06/05/25 18:38
570-233498-9	PP-3	Solid	06/05/25 10:00	06/05/25 18:38
570-233498-10	PP-4	Solid	06/05/25 09:50	06/05/25 18:38
570-233498-11	PP-5	Solid	06/05/25 10:10	06/05/25 18:38
570-233498-12	PP-6	Solid	06/05/25 10:20	06/05/25 18:38
570-233498-13	GWPC-1	Solid	06/05/25 11:20	06/05/25 18:38
570-233498-14	GWPC-2	Solid	06/05/25 11:30	06/05/25 18:38
570-233498-15	GWPC-3	Solid	06/05/25 11:40	06/05/25 18:38
570-233498-16	GWPC-4	Solid	06/05/25 11:50	06/05/25 18:38
570-233498-17	VL0-1	Solid	06/05/25 12:55	06/05/25 18:38
570-233498-18	VL0-2	Solid	06/05/25 12:50	06/05/25 18:38
570-233498-19	TC-1	Solid	06/05/25 13:35	06/05/25 18:38
570-233498-20	TC-2	Solid	06/05/25 13:30	06/05/25 18:38
570-233498-21	AV-1	Solid	06/05/25 13:55	06/05/25 18:38
570-233498-22	AV-2	Solid	06/05/25 13:55	06/05/25 18:38



Report for:

Virendra Patel
Eurofins Environment Testing Southwest, LLC - Calscience
2841 Dow Ave
Suite 100
Tustin, CA 92780

Regarding: Eurofins Built Environment Testing West, LLC
Project: 570-233498-1; LARAP Pacific Palisades & Rustic Canyons
EML ID: 4103169

Approved by:

Approved Signatory
Danny Li

Dates of Analysis:
Asbestos PLM: 06-18-2025

Service SOPs: Asbestos PLM (EPA 40CFR App E to Sub E of Part 763 & EPA METHOD 600/R-93-116, SOP EB-AS-S-1267)
NVLAP Lab Code 200757-0

All samples were received in acceptable condition unless noted in the Report Comments portion in the body of the report. The results relate only to the samples as received and tested. The results include an inherent uncertainty of measurement associated with estimating percentages by polarized light microscopy. Measurement uncertainty data for sample results with >1% asbestos concentration can be provided when requested.

Eurofins Built Environment Testing West, LLC ("the Company"), a member of the Eurofins Built Environment Testing group of companies, shall have no liability to the client or the client's customer with respect to decisions or recommendations made, actions taken or courses of conduct implemented by either the client or the client's customer as a result of or based upon the Test Results. In no event shall the Company be liable to the client with respect to the Test Results except for the Company's own willful misconduct or gross negligence nor shall the Company be liable for incidental or consequential damages or lost profits or revenues to the fullest extent such liability may be disclaimed by law, even if the Company has been advised of the possibility of such damages, lost profits or lost revenues. In no event shall the Company's liability with respect to the Test Results exceed the amount paid to the Company by the client therefor.

Client: Eurofins Environment Testing Southwest,
 LLC - Calscience
 C/O: Virendra Patel
 Re: 570-233498-1; LARAP Pacific Palisades &
 Rustic Canyons

Eurofins Built Environment Testing West, LLC
 2841 Dow Avenue, Suite 300, Tustin, CA 92780
 (833) 465-5857 www.eurofinsus.com/Built

Date of Sampling: 06-05-2025
 Date of Receipt: 06-09-2025
 Date of Report: 06-18-2025

ASBESTOS PLM REPORT

Total Samples Submitted:	22
Total Samples Analyzed:	22
Total Samples with Layer Asbestos Content > 1%:	0

Location: RC-1 (570-233498-1)

Lab ID-Version‡: 20472738-1

Sample Layers	Asbestos Content
Brown Soil	ND
Sample Composite Homogeneity: Good	

Comments: Due to the nature of the soil/rock sample, it was not possible to create proper slide mounts. Results should be considered minimum, and it is recommended that the sample be further analyzed using the CARB 435 method, which would be more appropriate to the sample type.

Location: RC-2 (570-233498-2)

Lab ID-Version‡: 20472739-1

Sample Layers	Asbestos Content
Brown Soil	ND
Sample Composite Homogeneity: Good	

Comments: Due to the nature of the soil/rock sample, it was not possible to create proper slide mounts. Results should be considered minimum, and it is recommended that the sample be further analyzed using the CARB 435 method, which would be more appropriate to the sample type.

Location: RC-3 (570-233498-3)

Lab ID-Version‡: 20472740-1

Sample Layers	Asbestos Content
Brown Soil	ND
Sample Composite Homogeneity: Good	

Comments: Due to the nature of the soil/rock sample, it was not possible to create proper slide mounts. Results should be considered minimum, and it is recommended that the sample be further analyzed using the CARB 435 method, which would be more appropriate to the sample type.

The test report shall not be reproduced except in full, without written approval of the laboratory. The report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the federal government. The Company reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified.

All components not quantified as asbestos content and non-asbestos content are considered to be non-fibrous matrix components. Matrix components may include, but are not limited to, gypsum, paint, silicate minerals, vinyl, binder, calcium carbonate, tar, and foam.

Inhomogeneous samples are separated into homogeneous subsamples and analyzed individually. ND means no fibers were detected. When detected, the minimum detection and reporting limit is less than 1% unless point counting is performed. Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Client: Eurofins Environment Testing Southwest,
LLC - Calscience
C/O: Virendra Patel
Re: 570-233498-1; LARAP Pacific Palisades &
Rustic Canyons

Eurofins Built Environment Testing West, LLC
2841 Dow Avenue, Suite 300, Tustin, CA 92780
(833) 465-5857 www.eurofinsus.com/Built

Date of Sampling: 06-05-2025
Date of Receipt: 06-09-2025
Date of Report: 06-18-2025

ASBESTOS PLM REPORT

Location: RC-4 (570-233498-4)

Lab ID-Version‡: 20472741-1

Sample Layers	Asbestos Content
Brown Soil	ND
Sample Composite Homogeneity:	Good

Comments: Due to the nature of the soil/rock sample, it was not possible to create proper slide mounts. Results should be considered minimum, and it is recommended that the sample be further analyzed using the CARB 435 method, which would be more appropriate to the sample type.

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Client: Eurofins Environment Testing Southwest,
LLC - Calscience
C/O: Virendra Patel
Re: 570-233498-1; LARAP Pacific Palisades &
Rustic Canyons

Eurofins Built Environment Testing West, LLC
2841 Dow Avenue, Suite 300, Tustin, CA 92780
(833) 465-5857 www.eurofinsus.com/Built

Date of Sampling: 06-05-2025
Date of Receipt: 06-09-2025
Date of Report: 06-18-2025

ASBESTOS PLM REPORT

Location: RC-5 (570-233498-5)

Lab ID-Version‡: 20472742-1

Sample Layers	Asbestos Content
Brown Soil	ND
Sample Composite Homogeneity: Good	

Comments: Due to the nature of the soil/rock sample, it was not possible to create proper slide mounts. Results should be considered minimum, and it is recommended that the sample be further analyzed using the CARB 435 method, which would be more appropriate to the sample type.

Location: RC-6 (570-233498-6)

Lab ID-Version‡: 20472743-1

Sample Layers	Asbestos Content
Brown Soil	ND
Sample Composite Homogeneity: Good	

Comments: Due to the nature of the soil/rock sample, it was not possible to create proper slide mounts. Results should be considered minimum, and it is recommended that the sample be further analyzed using the CARB 435 method, which would be more appropriate to the sample type.

Location: PP-1 (570-233498-7)

Lab ID-Version‡: 20472744-1

Sample Layers	Asbestos Content
Brown Soil	ND
Sample Composite Homogeneity: Good	

Comments: Due to the nature of the soil/rock sample, it was not possible to create proper slide mounts. Results should be considered minimum, and it is recommended that the sample be further analyzed using the CARB 435 method, which would be more appropriate to the sample type.

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All components not quantified as asbestos content and non-asbestos content are considered to be non-fibrous matrix components. Matrix components may include, but are not limited to, gypsum, paint, silicate minerals, vinyl, binder, calcium carbonate, tar, and foam.

Inhomogeneous samples are separated into homogeneous subsamples and analyzed individually. ND means no fibers were detected. When detected, the minimum detection and reporting limit is less than 1% unless point counting is performed. Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

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Client: Eurofins Environment Testing Southwest,
LLC - Calscience
C/O: Virendra Patel
Re: 570-233498-1; LARAP Pacific Palisades &
Rustic Canyons

Eurofins Built Environment Testing West, LLC
2841 Dow Avenue, Suite 300, Tustin, CA 92780
(833) 465-5857 www.eurofinsus.com/Built

Date of Sampling: 06-05-2025
Date of Receipt: 06-09-2025
Date of Report: 06-18-2025

ASBESTOS PLM REPORT

Location: PP-2 (570-233498-8)

Lab ID-Version‡: 20472745-1

Sample Layers	Asbestos Content
Brown Soil	ND
Sample Composite Homogeneity:	Good

Comments: Due to the nature of the soil/rock sample, it was not possible to create proper slide mounts. Results should be considered minimum, and it is recommended that the sample be further analyzed using the CARB 435 method, which would be more appropriate to the sample type.

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Inhomogeneous samples are separated into homogeneous subsamples and analyzed individually. ND means no fibers were detected. When detected, the minimum detection and reporting limit is less than 1% unless point counting is performed. Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Client: Eurofins Environment Testing Southwest,
LLC - Calscience
C/O: Virendra Patel
Re: 570-233498-1; LARAP Pacific Palisades &
Rustic Canyons

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2841 Dow Avenue, Suite 300, Tustin, CA 92780
(833) 465-5857 www.eurofinsus.com/Built

Date of Sampling: 06-05-2025
Date of Receipt: 06-09-2025
Date of Report: 06-18-2025

ASBESTOS PLM REPORT

Location: PP-3 (570-233498-9)

Lab ID-Version‡: 20472746-1

Sample Layers	Asbestos Content
Brown Soil	ND
Sample Composite Homogeneity: Good	

Comments: Due to the nature of the soil/rock sample, it was not possible to create proper slide mounts. Results should be considered minimum, and it is recommended that the sample be further analyzed using the CARB 435 method, which would be more appropriate to the sample type.

Location: PP-4 (570-233498-10)

Lab ID-Version‡: 20472747-1

Sample Layers	Asbestos Content
Brown Soil	ND
Sample Composite Homogeneity: Good	

Comments: Due to the nature of the soil/rock sample, it was not possible to create proper slide mounts. Results should be considered minimum, and it is recommended that the sample be further analyzed using the CARB 435 method, which would be more appropriate to the sample type.

Location: PP-5 (570-233498-11)

Lab ID-Version‡: 20472748-1

Sample Layers	Asbestos Content
Brown Soil	ND
Sample Composite Homogeneity: Good	

Comments: Due to the nature of the soil/rock sample, it was not possible to create proper slide mounts. Results should be considered minimum, and it is recommended that the sample be further analyzed using the CARB 435 method, which would be more appropriate to the sample type.

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All components not quantified as asbestos content and non-asbestos content are considered to be non-fibrous matrix components. Matrix components may include, but are not limited to, gypsum, paint, silicate minerals, vinyl, binder, calcium carbonate, tar, and foam.

Inhomogeneous samples are separated into homogeneous subsamples and analyzed individually. ND means no fibers were detected. When detected, the minimum detection and reporting limit is less than 1% unless point counting is performed. Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

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Client: Eurofins Environment Testing Southwest,
LLC - Calscience
C/O: Virendra Patel
Re: 570-233498-1; LARAP Pacific Palisades &
Rustic Canyons

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(833) 465-5857 www.eurofinsus.com/Built

Date of Sampling: 06-05-2025
Date of Receipt: 06-09-2025
Date of Report: 06-18-2025

ASBESTOS PLM REPORT

Location: PP-6 (570-233498-12)

Lab ID-Version‡: 20472749-1

Sample Layers	Asbestos Content
Brown Soil	ND
Sample Composite Homogeneity:	Good

Comments: Due to the nature of the soil/rock sample, it was not possible to create proper slide mounts. Results should be considered minimum, and it is recommended that the sample be further analyzed using the CARB 435 method, which would be more appropriate to the sample type.

The test report shall not be reproduced except in full, without written approval of the laboratory. The report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the federal government. The Company reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified.

All components not quantified as asbestos content and non-asbestos content are considered to be non-fibrous matrix components. Matrix components may include, but are not limited to, gypsum, paint, silicate minerals, vinyl, binder, calcium carbonate, tar, and foam.

Inhomogeneous samples are separated into homogeneous subsamples and analyzed individually. ND means no fibers were detected. When detected, the minimum detection and reporting limit is less than 1% unless point counting is performed. Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Client: Eurofins Environment Testing Southwest,
LLC - Calscience
C/O: Virendra Patel
Re: 570-233498-1; LARAP Pacific Palisades &
Rustic Canyons

Eurofins Built Environment Testing West, LLC
2841 Dow Avenue, Suite 300, Tustin, CA 92780
(833) 465-5857 www.eurofinsus.com/Built

Date of Sampling: 06-05-2025
Date of Receipt: 06-09-2025
Date of Report: 06-18-2025

ASBESTOS PLM REPORT

Location: GWPC-1 (570-233498-13)

Lab ID-Version‡: 20472750-1

Sample Layers	Asbestos Content
Brown Soil	ND
Sample Composite Homogeneity: Good	

Comments: Due to the nature of the soil/rock sample, it was not possible to create proper slide mounts. Results should be considered minimum, and it is recommended that the sample be further analyzed using the CARB 435 method, which would be more appropriate to the sample type.

Location: GWPC-2 (570-233498-14)

Lab ID-Version‡: 20472751-1

Sample Layers	Asbestos Content
Brown Soil	ND
Sample Composite Homogeneity: Good	

Comments: Due to the nature of the soil/rock sample, it was not possible to create proper slide mounts. Results should be considered minimum, and it is recommended that the sample be further analyzed using the CARB 435 method, which would be more appropriate to the sample type.

Location: GWPC-3 (570-233498-15)

Lab ID-Version‡: 20472752-1

Sample Layers	Asbestos Content
Brown Soil	ND
Sample Composite Homogeneity: Good	

Comments: Due to the nature of the soil/rock sample, it was not possible to create proper slide mounts. Results should be considered minimum, and it is recommended that the sample be further analyzed using the CARB 435 method, which would be more appropriate to the sample type.

The test report shall not be reproduced except in full, without written approval of the laboratory. The report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the federal government. The Company reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified.

All components not quantified as asbestos content and non-asbestos content are considered to be non-fibrous matrix components. Matrix components may include, but are not limited to, gypsum, paint, silicate minerals, vinyl, binder, calcium carbonate, tar, and foam.

Inhomogeneous samples are separated into homogeneous subsamples and analyzed individually. ND means no fibers were detected. When detected, the minimum detection and reporting limit is less than 1% unless point counting is performed. Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

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Client: Eurofins Environment Testing Southwest,
LLC - Calscience
C/O: Virendra Patel
Re: 570-233498-1; LARAP Pacific Palisades &
Rustic Canyons

Eurofins Built Environment Testing West, LLC
2841 Dow Avenue, Suite 300, Tustin, CA 92780
(833) 465-5857 www.eurofinsus.com/Built

Date of Sampling: 06-05-2025
Date of Receipt: 06-09-2025
Date of Report: 06-18-2025

ASBESTOS PLM REPORT

Location: GWPC-4 (570-233498-16)

Lab ID-Version‡: 20472753-1

Sample Layers	Asbestos Content
Brown Soil	ND
Sample Composite Homogeneity:	Good

Comments: Due to the nature of the soil/rock sample, it was not possible to create proper slide mounts. Results should be considered minimum, and it is recommended that the sample be further analyzed using the CARB 435 method, which would be more appropriate to the sample type.

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All components not quantified as asbestos content and non-asbestos content are considered to be non-fibrous matrix components. Matrix components may include, but are not limited to, gypsum, paint, silicate minerals, vinyl, binder, calcium carbonate, tar, and foam.

Inhomogeneous samples are separated into homogeneous subsamples and analyzed individually. ND means no fibers were detected. When detected, the minimum detection and reporting limit is less than 1% unless point counting is performed. Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Client: Eurofins Environment Testing Southwest,
LLC - Calscience
C/O: Virendra Patel
Re: 570-233498-1; LARAP Pacific Palisades &
Rustic Canyons

Eurofins Built Environment Testing West, LLC
2841 Dow Avenue, Suite 300, Tustin, CA 92780
(833) 465-5857 www.eurofinsus.com/Built

Date of Sampling: 06-05-2025
Date of Receipt: 06-09-2025
Date of Report: 06-18-2025

ASBESTOS PLM REPORT

Location: VLO-1 (570-233498-17)

Lab ID-Version‡: 20472754-1

Sample Layers	Asbestos Content
Brown Soil	ND
Sample Composite Homogeneity: Good	

Comments: Due to the nature of the soil/rock sample, it was not possible to create proper slide mounts. Results should be considered minimum, and it is recommended that the sample be further analyzed using the CARB 435 method, which would be more appropriate to the sample type.

Location: VLO-2 (570-233498-18)

Lab ID-Version‡: 20472755-1

Sample Layers	Asbestos Content
Brown Soil	ND
Sample Composite Homogeneity: Good	

Comments: Due to the nature of the soil/rock sample, it was not possible to create proper slide mounts. Results should be considered minimum, and it is recommended that the sample be further analyzed using the CARB 435 method, which would be more appropriate to the sample type.

Location: TC-1 (570-233498-19)

Lab ID-Version‡: 20472756-1

Sample Layers	Asbestos Content
Brown Soil	ND
Sample Composite Homogeneity: Good	

Comments: Due to the nature of the soil/rock sample, it was not possible to create proper slide mounts. Results should be considered minimum, and it is recommended that the sample be further analyzed using the CARB 435 method, which would be more appropriate to the sample type.

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All components not quantified as asbestos content and non-asbestos content are considered to be non-fibrous matrix components. Matrix components may include, but are not limited to, gypsum, paint, silicate minerals, vinyl, binder, calcium carbonate, tar, and foam.

Inhomogeneous samples are separated into homogeneous subsamples and analyzed individually. ND means no fibers were detected. When detected, the minimum detection and reporting limit is less than 1% unless point counting is performed. Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

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Client: Eurofins Environment Testing Southwest,
LLC - Calscience
C/O: Virendra Patel
Re: 570-233498-1; LARAP Pacific Palisades &
Rustic Canyons

Eurofins Built Environment Testing West, LLC
2841 Dow Avenue, Suite 300, Tustin, CA 92780
(833) 465-5857 www.eurofinsus.com/Built

Date of Sampling: 06-05-2025
Date of Receipt: 06-09-2025
Date of Report: 06-18-2025

ASBESTOS PLM REPORT

Location: TC-2 (570-233498-20)

Lab ID-Version‡: 20472757-1

Sample Layers	Asbestos Content
Brown Soil	ND
Sample Composite Homogeneity:	Good

Comments: Due to the nature of the soil/rock sample, it was not possible to create proper slide mounts. Results should be considered minimum, and it is recommended that the sample be further analyzed using the CARB 435 method, which would be more appropriate to the sample type.

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All components not quantified as asbestos content and non-asbestos content are considered to be non-fibrous matrix components. Matrix components may include, but are not limited to, gypsum, paint, silicate minerals, vinyl, binder, calcium carbonate, tar, and foam.

Inhomogeneous samples are separated into homogeneous subsamples and analyzed individually. ND means no fibers were detected. When detected, the minimum detection and reporting limit is less than 1% unless point counting is performed. Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Client: Eurofins Environment Testing Southwest,
LLC - Calscience
C/O: Virendra Patel
Re: 570-233498-1; LARAP Pacific Palisades &
Rustic Canyons

Eurofins Built Environment Testing West, LLC
2841 Dow Avenue, Suite 300, Tustin, CA 92780
(833) 465-5857 www.eurofinsus.com/Built

Date of Sampling: 06-05-2025
Date of Receipt: 06-09-2025
Date of Report: 06-18-2025

ASBESTOS PLM REPORT

Location: AV-1 (570-233498-21)

Lab ID-Version‡: 20472758-1

Sample Layers	Asbestos Content
Brown Soil	ND
Sample Composite Homogeneity: Good	

Comments: Due to the nature of the soil/rock sample, it was not possible to create proper slide mounts. Results should be considered minimum, and it is recommended that the sample be further analyzed using the CARB 435 method, which would be more appropriate to the sample type.

Location: AV-2 (570-233498-22)

Lab ID-Version‡: 20472759-1

Sample Layers	Asbestos Content
Brown Soil	ND
Sample Composite Homogeneity: Good	

Comments: Due to the nature of the soil/rock sample, it was not possible to create proper slide mounts. Results should be considered minimum, and it is recommended that the sample be further analyzed using the CARB 435 method, which would be more appropriate to the sample type.

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All components not quantified as asbestos content and non-asbestos content are considered to be non-fibrous matrix components. Matrix components may include, but are not limited to, gypsum, paint, silicate minerals, vinyl, binder, calcium carbonate, tar, and foam.

Inhomogeneous samples are separated into homogeneous subsamples and analyzed individually. ND means no fibers were detected. When detected, the minimum detection and reporting limit is less than 1% unless point counting is performed. Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Client: Eurofins Environment Testing Southwest,
LLC - Calscience
C/O: Virendra Patel
Re: 570-233498-1; LARAP Pacific Palisades &
Rustic Canyons

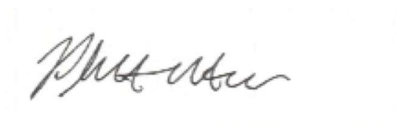
Eurofins Built Environment Testing West, LLC
2841 Dow Avenue, Suite 300, Tustin, CA 92780
(833) 465-5857 www.eurofinsus.com/Built

Date of Sampling: 06-05-2025
Date of Receipt: 06-09-2025
Date of Report: 06-18-2025

ASBESTOS PLM REPORT

PROJECT ANALYST AND SIGNATORY REPORT

Project Analyst



Analyst: Philip Newton

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‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Chain of Custody Record



Client Information (Sub Contract Lab)		Sampler: N/A	Lab P/N: Patel, Virendra	Carrier Tracking No(s): N/A	COC No: 570-448893-1					
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Virendra.Patel@eurofins.com	State of Origin: California	Page: Page 1 of 3						
Company: Eurofins Built Environment Testing		Accreditation Region (See note): NELAP - Oregon, State - California		Job #: 570-233498-1						
Address: 2841 Dow Ave., Suite 300, Tustin		Date Requested: 6/18/2025		Preservation Codes: -						
City: Tustin	State, Zip: CA, 92780	TAT Requested (days): N/A	Analysis Requested							
Phone: N/A	PO #: N/A	 004103169								
Fax: N/A	MO #: N/A									
Project Name: LARAP Pacific Palisades & Rustic Canyons	Project #: 57025324									
Site: N/A	SSOW#: N/A									
Field Filtered Sample (Yes or No) Perform MS/MSD (Yes or No) SUB (Asbestos PLM EPA 600/R-93/116 (Qualitative))/ PLM EPA 600/R-93/116										
Sample Identification - Client ID (Lab ID)		Sample Date	Sample Time	Sample Type (G=Comp, G=grab)	Matrix (Asbestos, Lead, Cadmium, PCB, etc.)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	SUB (Asbestos PLM EPA 600/R-93/116 (Qualitative))/ PLM EPA 600/R-93/116	Total Number of containers	Special Instructions/Note:
RC-1 (570-233498-1)	6/5/25	09:00	Pacific	G	Solid		X		1	See Attached Instructions
RC-2 (570-233498-2)	6/5/25	09:10	Pacific	G	Solid		X		1	See Attached Instructions
RC-3 (570-233498-3)	6/5/25	08:50	Pacific	G	Solid		X		1	See Attached Instructions
RC-4 (570-233498-4)	6/5/25	09:20	Pacific	G	Solid		X		1	See Attached Instructions
RC-5 (570-233498-5)	6/5/25	08:40	Pacific	G	Solid		X		1	See Attached Instructions
RC-6 (570-233498-6)	6/5/25	08:30	Pacific	G	Solid		X		1	See Attached Instructions
PP-1 (570-233498-7)	6/5/25	09:30	Pacific	G	Solid		X		1	See Attached Instructions
PP-2 (570-233498-8)	6/5/25	09:40	Pacific	G	Solid		X		1	See Attached Instructions
PP-3 (570-233498-9)	6/5/25	10:00	Pacific	G	Solid		X		1	See Attached Instructions
Note: Since laboratory accreditations are subject to change, Eurofins Calscience places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain of custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/shipment using analyzed, the samples must be shipped back to the Eurofins Calscience laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Calscience attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Calscience.										
Possible Hazard Identification										
Unconfirmed										
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2										
Empty Kit Relinquished by: Date: Time: Method of Shipment:										
Relinquished by: Date/Time: Company: Received by: Date/Time: Company: Method of Shipment:										
Relinquished by: Date/Time: Company: Received by: Date/Time: Company: Method of Shipment:										
Custody Seals Intact: Custody Seal No.: Cooler Temperature(s) °C and Other Remarks:										

Client Information (Sub Contract Lab)				Sampler	Lab PM:	Carrier Tracking No(s):	COC No:	
Client Contact:				N/A	Patel, Virendra	N/A	510-448893.2	
Shipping/Receiving				Phone:	E-Mail:	State or Origin:	Page 2 of 3	
				N/A	Virendra.Patel@eurofins.com	California		
Company: Eurofins Built Environment Testing				Accreditations Required (See note): NELAP - Oregon, State - California				Job #: 510-233498-1
Address: 2841 Dow Ave., Suite 300, Tustin State, Zip: CA, 92780				Date Requested: 6/18/2025	Analysis Requested			Preservation Codes:
City:				TAT Requested (days):				
Phone:				N/A				
Email:				PO #:				
Project Name:				WO #:				
LARAP Pacific Palisades & Rustic Canyons				Project #:				
Site:				SSOWM:				
N/A								
Sample Identification - Client ID (Lab ID)				Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)			Total Number of containers
PP-4 (570-233498-10)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (Wet/dry, Solid/Liquid, Organic/Inorganic, etc.)	SUB (Asbestos PLM EPA 600/R-93/116 (Qualitative))/ PLM EPA 600/R-93/116			Special Instructions/Note:
PP-5 (570-233498-11)	6/5/25	09:50	G	Solid	X			See Attached Instructions
PP-6 (570-233498-12)	6/5/25	10:20	G	Solid	X			See Attached Instructions
GWPC-1 (570-233498-13)	6/5/25	11:20	G	Solid	X			See Attached Instructions
GWPC-2 (570-233498-14)	6/5/25	11:30	G	Solid	X			See Attached Instructions
GWPC-3 (570-233498-15)	6/5/25	11:40	G	Solid	X			See Attached Instructions
GWPC-4 (570-233498-16)	6/5/25	11:50	G	Solid	X			See Attached Instructions
VL0-1 (570-233498-17)	6/5/25	12:55	G	Solid	X			See Attached Instructions
VL0-2 (570-233498-18)	6/5/25	12:50	G	Solid	X			See Attached Instructions

Note: Since laboratory accreditation is subject to change, Eurofins CalScience places the ownership of method, analysis & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/method being analyzed, the samples must be shipped back to the Eurofins CalScience laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins CalScience attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins CalScience.

Possible Hazard Identification

Unconfirmed

Deliverable Requested: I, II, III, IV, Other (specify) _____ Primary Deliverable Rank: 2

Empty Kit Relinquished by: _____ Date: _____ Time: _____ Method of Shipment: _____

Relinquished by: *[Signature]* Date/Time: *6-9-25 1-* Company: *EC* Received by: *STEVEN CASTILLO* Date/Time: *6/9/25 1:08pm* Company: *Eurofins*

Relinquished by: _____ Date/Time: _____ Company: _____ Received by: *[Signature]* Date/Time: _____ Company: _____

Custody Seals Intact: _____ Custody Seal No.: _____ Cooler Temperature(s) °C and Other Remarks: _____

004103169

Chain of Custody Record

Environment Testing

Ver: 10/10/2024

ICOC No:
570-448893



Containers

Count

22

Container Type

Soil Jar 2oz - clear glass

Preservative

None

Subcontract Method Instructions

Sample IDs	Method	Method Description	Method Comments
1, 2, 3, 4, 5, 6	SUBCONTRACT	SUB (Asbestos PLM EPA 600/R-93/116 (Qualitative))/ PLM EPA 600/R-93/116	Site Address: 102-178 Latimer Rd, Santa Monica, CA
17, 18	SUBCONTRACT	SUB (Asbestos PLM EPA 600/R-93/116 (Qualitative))/ PLM EPA 600/R-93/116	Site Address: 301 N. Mt Holyoke Ave, Pacific Palisades, CA 90272
19, 20	SUBCONTRACT	SUB (Asbestos PLM EPA 600/R-93/116 (Qualitative))/ PLM EPA 600/R-93/116	Site Address: 15900 Pacific Coast Highway, Pacific Palisades, CA 90272
21, 22	SUBCONTRACT	SUB (Asbestos PLM EPA 600/R-93/116 (Qualitative))/ PLM EPA 600/R-93/116	Site Address: 15900 Asilomar Blvd, Pacific Palisades, CA 90272
7, 9, 10, 11, 12, 13, 14, 15, 16	SUBCONTRACT	SUB (Asbestos PLM EPA 600/R-93/116 (Qualitative))/ PLM EPA 600/R-93/116	Site Address: 851 Alma Real Dr, Pacific Palisades, CA 90272

Virendra Patel

From: Konrad Grochocki <kgrochocki@ninyoandmoore.com>
Sent: Tuesday, June 10, 2025 11:37 AM
To: Virendra Patel; Jeff Aguilar PG
Cc: Skylar Lee; Kenneth Cho
Subject: RE: 570-233498 LARAP Pacific Palisades & Rustic Canyons Sample Confirmation files from Eurofins Southwest

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Virendra,

Yes, please switch Sample #8 over to 8260B/5030C as well.

I want to confirm this is sample PP-2.

Thanks,

Konrad Grochocki
Project Geologist
T.: + 1 949 753 7070 x12286
kgrochocki@ninyoandmoore.com

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www.socotec.us

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From: Virendra Patel <Virendra.Patel@et.eurofinsus.com>
Sent: Tuesday, June 10, 2025 11:31 AM
To: Konrad Grochocki <kgrochocki@ninyoandmoore.com>; Jeff Aguilar PG <jaguilar@ninyoandmoore.com>
Cc: Skylar Lee <slee@ninyoandmoore.com>; Kenneth Cho <kcho@ninyoandmoore.com>
Subject: RE: 570-233498 LARAP Pacific Palisades & Rustic Canyons Sample Confirmation files from Eurofins Southwest

Konrad,

Sample #8, requires dilutions and the Methanol vial has been compromised; the sample material has absorbed all of the methanol, therefore, we need to switch this sample over to 8260B/5030C (8 oz. jar) as well.

Are we authorized to do so?

Kind Regards,

Virendra Patel
Client Services Manager – Operations /
Senior Project Manager
(He/Him/His)

Eurofins Environment Testing Southwest - Calscience (USA)

2841 Dow Avenue, Suite 100 • Tustin, CA • 92780

Direct: 657-210-6327 • Mobile: 714-887-9901

Email: Virendra.Patel@ET.EurofinsUS.com

www.EurofinsUS.com/Env • [LinkedIn](#)

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From: Konrad Grochocki <kgrochocki@ninyoandmoore.com>

Sent: Tuesday, June 10, 2025 10:23 AM

To: Virendra Patel <Virendra.Patel@et.eurofinsus.com>; Jeff Aguilar PG <jaguilar@ninyoandmoore.com>

Cc: Skylar Lee <slee@ninyoandmoore.com>; Kenneth Cho <kcho@ninyoandmoore.com>

Subject: RE: 570-233498 LARAP Pacific Palisades & Rustic Canyons Sample Confirmation files from Eurofins Southwest

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Virendra,

Yes, please switch to EPA 8260B5030C – VOCs + Oxy's for these two soil samples.

Thanks,

Konrad

Konrad Grochocki
Project Geologist
T.: + 1 949 753 7070 x12286
kgrochocki@ninyoandmoore.com

NINYO & MOORE, A SOCOTEC COMPANY

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From: Virendra Patel <Virendra.Patel@et.eurofinsus.com>

Sent: Tuesday, June 10, 2025 10:03 AM

To: Dennis Fee PE <dfee@ninyoandmoore.com>; Jeff Aguilar PG <jaguilar@ninyoandmoore.com>; Konrad Grochocki <kgrochocki@ninyoandmoore.com>; Skylar Lee <slee@ninyoandmoore.com>

Subject: FW: 570-233498 LARAP Pacific Palisades & Rustic Canyons Sample Confirmation files from Eurofins Southwest
Importance: High

All –

Good Morning.

Please note, the lab has indicated that the TerraCore vials (All vials) do not have any soil present for EPA 8260B/5035 – VOCs+Oxy's to be screened?

570-233498-20 - TC-2
570-233498-22 - AV-2

Are we authorized to switch to EPA 8260B5030C – VOCs+Oxy's using the Soil 8 oz. jar (bulk sample)?

Please advise at your earliest convenience. Thank you!

Kind Regards,

Virendra Patel
Client Services Manager – Operations /
Senior Project Manager
(He/Him/His)

Eurofins Environment Testing Southwest - Calscience (USA)

2841 Dow Avenue, Suite 100 • Tustin, CA • 92780

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Email: Virendra.Patel@ET.EurofinsUS.com

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From: TALS <TALS@reports.et.eurofinsus.com>

Sent: Monday, June 9, 2025 11:31 AM

To: Dennis Fee <dfee@ninyoandmoore.com>; Jeff Aguilar <jaguilar@ninyoandmoore.com>; Konrad Grochocki <kgrochocki@ninyoandmoore.com>; Skylar Lee <slee@ninyoandmoore.com>; Virendra Patel <Virendra.Patel@et.eurofinsus.com>

Subject: 570-233498 LARAP Pacific Palisades & Rustic Canyons Sample Confirmation files from Eurofins Southwest

Verified Sender: This email is from an internal and/or verified domain which passed security verifications. Remember to still be cautious with personal data and follow company policies.

Hello,

Attached, please find the Sample Confirmation files for job 570-233498; LARAP Pacific Palisades & Rustic Canyons

The samples were received on 6/5/2025 6:38 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.3°C.

Please review the attachments for accuracy and notify your Project Manager of any discrepancies as quickly as possible.

Any discrepancies not communicated in a timely fashion could result in missed holding times, TAT delays and may potentially incur additional charges.

Please feel free to contact me if you have any questions.

Thank you.

Virendra Patel
Project Manager

Eurofins Calscience
Phone: 714-895-5494
Mobile: 714-887-9901

E-mail: Virendra.Patel@et.eurofinsus.com
www.eurofinsus.com/env



Reference: [570-905780]
Attachments: 2

> > Bank information has changed, please refer to remittance information on invoice. < <



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Loc: 570
233498

CHAIN-OF-CUSTODY RECORD

DATE: 06/05/2025

PAGE: 1 OF 3

233498

LABORATORY CLIENT: Ninyo & Moore					CLIENT PROJECT NAME / NO.: LARAP Pacific Palisades & Rustic Canyons Area Soil and Indoor/Outdoor Air Sampling					P.O. NO.: 211750006																																																																																																																																																																																													
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<table><thead><tr><th rowspan="2">LAB USE ONLY</th><th rowspan="2">SAMPLE ID</th><th colspan="2">SAMPLING</th><th rowspan="2">MATRIX</th><th rowspan="2">NO. OF CONT.</th><th rowspan="2">Unpreserved</th><th rowspan="2">Preserved</th><th rowspan="2">Field Filtered</th><th rowspan="2">Title 22 Metals including Lithium using EPA Method 6010B and 7471A</th><th rowspan="2">PAHs using EPA Method 8270C</th><th rowspan="2">Asbestos by PLM</th><th rowspan="2">VOCs by EPA 8260B</th><th rowspan="2">VOCs by EPA Method TO-15</th><th rowspan="2">PAHs by EPA Method TO-13 SIM</th><th rowspan="2">Notes</th></tr><tr><th>DATE</th><th>TIME</th></tr></thead><tbody><tr><td>1</td><td>RC-1</td><td>6/5/2025</td><td>0900</td><td>Soil</td><td>13 Vials</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>2</td><td>RC-2</td><td>6/5/2025</td><td>0910</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>3</td><td>RC-3</td><td>6/5/2025</td><td>0850</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>4</td><td>RC-4</td><td>6/5/2025</td><td>0920</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>5</td><td>RC-5</td><td>6/5/2025</td><td>0840</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>6</td><td>RC-6</td><td>6/5/2025</td><td>0830</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>7</td><td>PP-1</td><td>6/5/2025</td><td>0930</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>8</td><td>PP-2</td><td>6/5/2025</td><td>0940</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>9</td><td>PP-3</td><td>6/5/2025</td><td>1000</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>10</td><td>PP-4</td><td>6/5/2025</td><td>0950</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr></tbody></table>												LAB USE ONLY	SAMPLE ID	SAMPLING		MATRIX	NO. OF CONT.	Unpreserved	Preserved	Field Filtered	Title 22 Metals including Lithium using EPA Method 6010B and 7471A	PAHs using EPA Method 8270C	Asbestos by PLM	VOCs by EPA 8260B	VOCs by EPA Method TO-15	PAHs by EPA Method TO-13 SIM	Notes	DATE	TIME	1	RC-1	6/5/2025	0900	Soil	13 Vials												2	RC-2	6/5/2025	0910														3	RC-3	6/5/2025	0850														4	RC-4	6/5/2025	0920														5	RC-5	6/5/2025	0840														6	RC-6	6/5/2025	0830														7	PP-1	6/5/2025	0930														8	PP-2	6/5/2025	0940														9	PP-3	6/5/2025	1000														10	PP-4	6/5/2025	0950													
LAB USE ONLY	SAMPLE ID	SAMPLING		MATRIX	NO. OF CONT.	Unpreserved	Preserved	Field Filtered	Title 22 Metals including Lithium using EPA Method 6010B and 7471A	PAHs using EPA Method 8270C	Asbestos by PLM			VOCs by EPA 8260B	VOCs by EPA Method TO-15													PAHs by EPA Method TO-13 SIM	Notes																																																																																																																																																																										
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570-233498 Chain of Custody



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CHAIN-OF-CUSTODY RECORD

DATE: 06/05/2025

PAGE: 2 OF 3

233498

LABORATORY CLIENT: Ninyo & Moore						CLIENT PROJECT NAME / NO.: LARAP Pacific Palisades & Rustic Canyons Area Soil and Indoor/Outdoor Air Sampling						P.O. NO.: 211750006					
ADDRESS: 475 Goddard, Suite 200						PROJECT CONTACT: Konrad Grochocki; kgrochocki@ninyoandmoore.com						LAB CONTACT OR QUOTE NO.:					
CITY: Irvine		STATE: CA		ZIP: 92618		GLOBAL ID:			LOG CODE:			SAMPLER(S): (PRINT) Kenneth Cho / Skylar Lee					
TEL: 949-753-7070		E-MAIL: kgrochocki@ninyoandmoore.com & kcho@ninyoandmoore.com															
TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"): ☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAYS STANDARD						REQUESTED ANALYSES Please check box or fill in blank as needed.											
EDD: ☐ COELT EDF ☐ OTHER																	
SPECIAL INSTRUCTIONS:																	
LAB USE ONLY	SAMPLE ID	SAMPLING		MATRIX	NO. OF CONT.	Unpreserved	Preserved	Field Filtered	Title 22 Metals including Lithium using EPA Method 6010B and 7471A	PAHs using EPA Method 8270C	Asbestos by PLM	VOCs by EPA 8260B	VOCs by EPA Method TO-15	PAHs by EPA Method TO-13 SIM	Notes		
		DATE	TIME														
11	PP-5	6/5/2025	1010	soil	3x variation												
12	PP-6	6/5/2025	1020														
13	GWPC-1	6/5/2025	1120														
14	GWPC-2	6/5/2025	1130														
15	GWPC-3	6/5/2025	1140														
16	GWPC-4	6/5/2025	1150														
17	VLO-1	6/5/2025	1255														
18	VLO-2	6/5/2025	1250														
19	TC-1	6/5/2025	1335														
20	TC-2	6/5/2025	1330														
Relinquished by: (Signature) <i>[Signature]</i>						Date: 6/5/25		Time: 18:38		Received by: (Signature/Affiliation) <i>[Signature]</i> EC				Date: 6-5-25		Time: 18:38	
Relinquished by: (Signature)						Date:		Time:		Received by: (Signature/Affiliation)				Date:		Time:	
Relinquished by: (Signature)						Date:		Time:		Received by: (Signature/Affiliation)				Date:		Time:	



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CHAIN-OF-CUSTODY RECORD

DATE: 06/05/2025

PAGE: 3 OF 3

LABORATORY CLIENT: Ninyo & Moore					CLIENT PROJECT NAME / NO.: LARAP Pacific Palisades & Rustic Canyons Area Soil and Indoor/Outdoor Air Sampling					P.O. NO.: 211750006						
ADDRESS: 475 Goddard, Suite 200					PROJECT CONTACT: Konrad Grochocki; kgrochocki@ninyoandmoore.com					LAB CONTACT OR QUOTE NO.:						
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TEL: 949-753-7070		E-MAIL: kgrochocki@ninyoandmoore.com & kcho@ninyoandmoore.com														
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		DATE	TIME													
21	AV-1	6/5/2025	6:13:55 AM	3X Vial												
22	AV-2	6/5/2025	6:13:55 AM	↓												
		6/5/2025														
		6/5/2025														
		6/5/2025														
		6/5/2025														
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Relinquished by: (Signature)		Date:		Time:		Received by: (Signature/Affiliation)		Date:		Time:						



Chain of Custody Record

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Tustin, CA 92780
Phone: 714-895-5494

Client Information (Sub Contract Lab)		Client Contact: Shipping/Receiving		Company: Eurofins Built Environment Testing		Address: 2841 Dow Ave., Suite 300, Tustin, CA, 92780		City: Tustin		State, Zip: CA, 92780		Phone: N/A		Email: N/A		Project Name: LAPAP Pacific Palisades & Rustic Canyons		Project #: 57025324		SSOW#: N/A		N/A																							
Lab PM: Patel, Virendra		E-Mail: Virendra.Patel@eurofins.com		State of Origin: California		Page: Page 1 of 3		Job #: 570-233498-1		Preservation Codes:		Analysis Requested		Total Number of containers: N/A		Special Instructions/Note:		Sample Identification - Client ID (Lab ID)		Sample Date		Sample Type (C=Comp, G=Grab) Matrix		Preservation Code: (Wet/dry, Solid, Overhead, BT-Tissue, AA/Al)		Field Filtered Sample (Yes or No) Perform MS/MSD (Yes or No) SUB (Asbestos PUM EPA 600/R-33416 (Qualitative)) PUM EPA 600/R-33416		RC-1 (570-233498-1)		RC-2 (570-233498-2)		RC-3 (570-233498-3)		RC-4 (570-233498-4)		RC-5 (570-233498-5)		RC-6 (570-233498-6)		PP-1 (570-233498-7)		PP-2 (570-233498-8)		PP-3 (570-233498-9)	
Due Date Requested: 6/18/2025		TAT Requested (days): N/A		PO #: N/A		WO #: N/A		Project #: 57025324		SSOW#: N/A		Sample Type (C=Comp, G=Grab) Matrix		Sample Date		Preservation Code: (Wet/dry, Solid, Overhead, BT-Tissue, AA/Al)		Field Filtered Sample (Yes or No) Perform MS/MSD (Yes or No) SUB (Asbestos PUM EPA 600/R-33416 (Qualitative)) PUM EPA 600/R-33416		RC-1 (570-233498-1)		RC-2 (570-233498-2)		RC-3 (570-233498-3)		RC-4 (570-233498-4)		RC-5 (570-233498-5)		RC-6 (570-233498-6)		PP-1 (570-233498-7)		PP-2 (570-233498-8)		PP-3 (570-233498-9)									
Due Date Requested: 6/18/2025		TAT Requested (days): N/A		PO #: N/A		WO #: N/A		Project #: 57025324		SSOW#: N/A		Sample Type (C=Comp, G=Grab) Matrix		Sample Date		Preservation Code: (Wet/dry, Solid, Overhead, BT-Tissue, AA/Al)		Field Filtered Sample (Yes or No) Perform MS/MSD (Yes or No) SUB (Asbestos PUM EPA 600/R-33416 (Qualitative)) PUM EPA 600/R-33416		RC-1 (570-233498-1)		RC-2 (570-233498-2)		RC-3 (570-233498-3)		RC-4 (570-233498-4)		RC-5 (570-233498-5)		RC-6 (570-233498-6)		PP-1 (570-233498-7)		PP-2 (570-233498-8)		PP-3 (570-233498-9)									
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Chain of Custody Record



Environment Testing

[illegible]

Chain of Custody Record

Client Information (Sub Contract Lab)		Lab PM: Virendra Patel, Virendra Patel, Virendra Patel E-Mail: Virendra.Patel@et.eurofinus.com State of Origin: California		COC No: 570-448893.3 Page: Page 3 of 3 Job #: 570-233498-1	
Eurofins Built Environment Testing		Address: 2841 Dow Ave., Suite 300, City: Tustin State, Zip: CA, 92780 Phone: N/A Email: N/A Project Name: LARAP Pacific Palisades & Rustic Canyons Project #: 57025324 SSOW#: N/A TAT Requested (days): N/A		Due Date Requested: 6/18/2025	
Sample Information		Sample ID (Lab ID)		Sample Date	
Sample Matrix		Sample Type		Sample Time	
Field Filtered Sample (Yes or No)		Preservation Code		Sample Date	
Perform MS/MSD (Yes or No)		SUB (Asbestos PLM EPA 600R-93716 (Qualitative))		PLM EPA 600R-93716	
Analysis Requested		Total Number of Containers		Special Instructions/Note:	
Preservation Codes:		Other: N/A		See Attached Instructions	
570-233498-1		1		1	
570-233498-2		1		1	
570-233498-3		1		1	
570-233498-4		1		1	
570-233498-5		1		1	
570-233498-6		1		1	
570-233498-7		1		1	
570-233498-8		1		1	
570-233498-9		1		1	
570-233498-10		1		1	
570-233498-11		1		1	
570-233498-12		1		1	
570-233498-13		1		1	
570-233498-14		1		1	
570-233498-15		1		1	
570-233498-16		1		1	
570-233498-17		1		1	
570-233498-18		1		1	
570-233498-19		1		1	
570-233498-20		1		1	
570-233498-21		1		1	
570-233498-22		1		1	
570-233498-23		1		1	
570-233498-24		1		1	
570-233498-25		1		1	
570-233498-26		1		1	
570-233498-27		1		1	
570-233498-28		1		1	
570-233498-29		1		1	
570-233498-30		1		1	
570-233498-31		1		1	
570-233498-32		1		1	
570-233498-33		1		1	
570-233498-34		1		1	
570-233498-35		1		1	
570-233498-36		1		1	
570-233498-37		1		1	
570-233498-38		1		1	
570-233498-39		1		1	
570-233498-40		1		1	
570-233498-41		1		1	
570-233498-42		1		1	
570-233498-43		1		1	
570-233498-44		1		1	
570-233498-45		1		1	
570-233498-46		1		1	
570-233498-47		1		1	
570-233498-48		1		1	
570-233498-49		1		1	
570-233498-50		1		1	
570-233498-51		1		1	
570-233498-52		1		1	
570-233498-53		1		1	
570-233498-54		1		1	
570-233498-55		1		1	
570-233498-56		1		1	
570-233498-57		1		1	
570-233498-58		1		1	
570-233498-59		1		1	
570-233498-60		1		1	
570-233498-61		1		1	
570-233498-62		1		1	
570-233498-63		1		1	
570-233498-64		1		1	
570-233498-65		1		1	
570-233498-66		1		1	
570-233498-67		1		1	
570-233498-68		1		1	
570-233498-69		1		1	
570-233498-70		1		1	
570-233498-71		1		1	
570-233498-72		1			

Login Sample Receipt Checklist

Client: Ninyo & Moore

Job Number: 570-233498-1

Login Number: 233498

List Source: Eurofins Calscience

List Number: 1

Creator: Le, Sunny

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Analytical Report

6/20/2025

Mr. Konrad Grochocki
Ninyo & Moore
475 Goddard, Suite 200

Irvine CA 92618

Project Name: LARAP Pacific Palisades
Project #: 211750006
Workorder #: 2506282

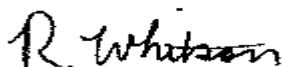
Dear Mr. Konrad Grochocki

The following report includes the data for the above referenced project for sample(s) received on 6/9/2025 at Eurofins Air Toxics LLC.

The data and associated QC analyzed by Modified TO-15 SIM are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Eurofins Air Toxics LLC. for your air analysis needs. Eurofins Air Toxics Inc. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Regginette Whitson at 916-985-1000 if you have any questions regarding the data in this report.

Regards,



Regginette Whitson
Project Manager

WORK ORDER #: 2506282

Work Order Summary

CLIENT: Mr. Konrad Grochocki
Ninyo & Moore
475 Goddard, Suite 200
Irvine, CA 92618

BILL TO: Accounts Payable - Alameda
Ninyo & Moore
1301 Marina Village Parkway
Suite 110
Alameda, CA 94501

PHONE: 949-753-7070 x11286

P.O. #

FAX:

PROJECT # 211750006 LARAP Pacific Palisades

DATE RECEIVED: 06/09/2025

CONTACT: Regginette Whitson

DATE COMPLETED: 06/20/2025

<u>FRACTION #</u>	<u>NAME</u>	<u>TEST</u>	<u>RECEIPT VAC./PRES.</u>	<u>FINAL PRESSURE</u>
01A	PP-IA	Modified TO-15 SIM	9.8 "Hg	2 psi
02A	PP-OA	Modified TO-15 SIM	9.8 "Hg	1.8 psi
03A	RC-IA	Modified TO-15 SIM	10 "Hg	1.9 psi
04A	RC-OA	Modified TO-15 SIM	9.6 "Hg	1.9 psi
05A	Lab Blank	Modified TO-15 SIM	NA	NA
06A	CCV	Modified TO-15 SIM	NA	NA
07A	LCS	Modified TO-15 SIM	NA	NA
07AA	LCSD	Modified TO-15 SIM	NA	NA

CERTIFIED BY:



Technical Director

DATE: 06/20/25

Cert. No.: AZ Licensure-AZ0775, FL NELAP-E87680, LA NELAP-02089, MN NELAP-2836569, NH NELAP-209224-A, NJ NELAP-CA016, NY NELAP-11291, TX NELAP-T104704434, UT NELAP-CA009332023-16, VA NELAP-13180, WA NELAP-C935

Name of Accreditation Body: NELAP/ORELAP (Oregon Environmental Laboratory Accreditation Program) CA300005-21

Eurofins Environment Testing Northern California, LLC certifies that the test results contained in this report meet all requirements of the 2016 TNI Standard.

This report shall not be reproduced, except in full, without the written approval of Eurofins Air Toxics, LLC.

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630

(916) 985-1000

LABORATORY NARRATIVE
Modified TO-15 SIM
Ninyo & Moore
Workorder# 2506282

Four 6 Liter Summa Canister (100% SIM Ambient) samples were received on June 09, 2025. The laboratory performed analysis via modified EPA Method TO-15 using GC/MS in the SIM acquisition mode.

Method modifications taken to run these samples are summarized in the table below. Specific project requirements may over-ride the EATL modifications.

Requirement	TO-15	ATL Modifications
ICAL %RSD acceptance criteria	$\leq 30\%$ RSD with 2 compounds allowed out to $< 40\%$ RSD	Project specific; default criteria is $\leq 30\%$ RSD with 10% of compounds allowed out to $< 40\%$ RSD
Daily Calibration	$\pm 30\%$ Difference	Project specific; default criteria is $\leq 30\%$ Difference with 10% of compounds allowed out up to $\leq 40\%$.; flag and narrate outliers
Blank and standards	Zero air	Nitrogen
Method Detection Limit	Follow 40CFR Pt.136 App. B	The MDL met all relevant requirements in Method TO-15 (statistical MDL less than the LOQ). The concentration of the spiked replicate may have exceeded 10X the calculated MDL in some cases

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

As per client project requirements, the laboratory has reported estimated values for target compound hits that are below the Reporting Limit but greater than the Method Detection Limit. Concentrations that are below the level at which the canister was certified may be false positives.

Definition of Data Qualifying Flags

The following qualifiers may have been used on the data analysis sheets and indicate as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit, LOD, or MDL value. See data page for project specific U-flag definition.

UJ- Non-detected compound associated with low bias in the CCV

N - The identification is based on presumptive evidence.

CN- See Case Narrative.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue

EPA METHOD TO-15 GC/MS SIM
LARAP Pacific Palisades

Client ID:	PP-IA	Date/Time Analyzed:	6/16/25 07:23 PM
Lab ID:	2506282-01A	Dilution Factor:	1.69
Date/Time Collected:	6/5/25 02:40 PM	Instrument/Filename:	msdv.i / v061614sim
Media:	6 Liter Summa Canister (100% SIM Ambier)		

Compound	CAS#	MDL (ug/m3)	LOD (ug/m3)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,1,1-Trichloroethane	71-55-6	0.011	0.074	0.18	0.21
1,1,2,2-Tetrachloroethane	79-34-5	0.074	0.093	0.23	Not Detected
1,1,2-Trichloroethane	79-00-5	0.014	0.074	0.18	Not Detected
1,1-Dichloroethane	75-34-3	0.0094	0.055	0.14	0.019 J
1,1-Dichloroethene	75-35-4	0.015	0.054	0.067	0.031 J
1,2-Dibromoethane (EDB)	106-93-4	0.011	0.10	0.26	Not Detected
1,2-Dichloroethane	107-06-2	0.014	0.055	0.14	0.060 J
1,4-Dichlorobenzene	106-46-7	0.058	0.081	0.20	Not Detected
Benzene	71-43-2	0.029	0.043	0.27	0.10 J
Carbon Tetrachloride	56-23-5	0.024	0.085	0.21	0.37
Chloroethane	75-00-3	0.068	0.18	0.22	Not Detected
Chloroform	67-66-3	0.0096	0.066	0.16	0.079 J
Chloromethane	74-87-3	0.10	0.28	1.7	0.83 J
cis-1,2-Dichloroethene	156-59-2	0.015	0.054	0.13	1.8
Ethyl Benzene	100-41-4	0.015	0.059	0.15	0.12 J
Freon 114	76-14-2	0.036	0.094	0.24	0.096 J
Freon 12	75-71-8	0.026	0.067	0.42	1.8
m,p-Xylene	108-38-3	0.0070	0.059	0.29	0.40
Methyl tert-butyl ether	1634-04-4	0.0043	0.049	0.61	Not Detected
o-Xylene	95-47-6	0.013	0.059	0.15	0.14 J
Tetrachloroethene	127-18-4	0.017	0.092	0.23	7.2
Toluene	108-88-3	0.024	0.051	0.32	0.35
trans-1,2-Dichloroethene	156-60-5	0.012	0.054	0.67	Not Detected
Trichloroethene	79-01-6	0.018	0.073	0.18	0.18

EPA METHOD TO-15 GC/MS SIM
 LARAP Pacific Palisades

Client ID:	PP-IA	Date/Time Analyzed:	6/16/25 07:23 PM
Lab ID:	2506282-01A	Dilution Factor:	1.69
Date/Time Collected:	6/5/25 02:40 PM	Instrument/Filename:	msdv.i / v061614sim
Media:	6 Liter Summa Canister (100% SIM Ambier		

Compound	CAS#	MDL (ug/m3)	LOD (ug/m3)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	75-01-4	0.013	0.034	0.043	Not Detected

J = Estimated value.

D: Analyte not within the DoD scope of accreditation.

Surrogates	CAS#	Limits	%Recovery
1,2-Dichloroethane-d4	17060-07-0	70-130	93
4-Bromofluorobenzene	460-00-4	70-130	90
Toluene-d8	2037-26-5	70-130	93

EPA METHOD TO-15 GC/MS SIM
 LARAP Pacific Palisades

Client ID:	PP-OA	Date/Time Analyzed:	6/16/25 08:02 PM
Lab ID:	2506282-02A	Dilution Factor:	1.67
Date/Time Collected:	6/5/25 02:45 PM	Instrument/Filename:	msdv.i / v061615sim
Media:	6 Liter Summa Canister (100% SIM Ambier)		

Compound	CAS#	MDL (ug/m3)	LOD (ug/m3)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,1,1-Trichloroethane	71-55-6	0.011	0.073	0.18	Not Detected
1,1,2,2-Tetrachloroethane	79-34-5	0.073	0.092	0.23	Not Detected
1,1,2-Trichloroethane	79-00-5	0.014	0.073	0.18	Not Detected
1,1-Dichloroethane	75-34-3	0.0093	0.054	0.14	Not Detected
1,1-Dichloroethene	75-35-4	0.015	0.053	0.066	Not Detected
1,2-Dibromoethane (EDB)	106-93-4	0.011	0.10	0.26	Not Detected
1,2-Dichloroethane	107-06-2	0.014	0.054	0.14	0.052 J
1,4-Dichlorobenzene	106-46-7	0.058	0.080	0.20	Not Detected
Benzene	71-43-2	0.028	0.043	0.27	0.061 J
Carbon Tetrachloride	56-23-5	0.023	0.084	0.21	0.38
Chloroethane	75-00-3	0.067	0.18	0.22	Not Detected
Chloroform	67-66-3	0.0094	0.065	0.16	0.058 J
Chloromethane	74-87-3	0.099	0.28	1.7	0.78 J
cis-1,2-Dichloroethene	156-59-2	0.015	0.053	0.13	Not Detected
Ethyl Benzene	100-41-4	0.015	0.058	0.14	0.019 J
Freon 114	76-14-2	0.036	0.093	0.23	0.10 J
Freon 12	75-71-8	0.025	0.066	0.41	1.9
m,p-Xylene	108-38-3	0.0070	0.058	0.29	0.045 J
Methyl tert-butyl ether	1634-04-4	0.0042	0.048	0.60	Not Detected
o-Xylene	95-47-6	0.013	0.058	0.14	0.027 J
Tetrachloroethene	127-18-4	0.016	0.091	0.23	0.017 J
Toluene	108-88-3	0.024	0.050	0.31	0.078 J
trans-1,2-Dichloroethene	156-60-5	0.012	0.053	0.66	Not Detected
Trichloroethene	79-01-6	0.018	0.072	0.18	Not Detected

EPA METHOD TO-15 GC/MS SIM
 LARAP Pacific Palisades

Client ID:	PP-OA	Date/Time Analyzed:	6/16/25 08:02 PM
Lab ID:	2506282-02A	Dilution Factor:	1.67
Date/Time Collected:	6/5/25 02:45 PM	Instrument/Filename:	msdv.i / v061615sim
Media:	6 Liter Summa Canister (100% SIM Ambier)		

Compound	CAS#	MDL (ug/m3)	LOD (ug/m3)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	75-01-4	0.013	0.034	0.043	Not Detected

J = Estimated value.

D: Analyte not within the DoD scope of accreditation.

Surrogates	CAS#	Limits	%Recovery
1,2-Dichloroethane-d4	17060-07-0	70-130	93
4-Bromofluorobenzene	460-00-4	70-130	89
Toluene-d8	2037-26-5	70-130	93

EPA METHOD TO-15 GC/MS SIM
LARAP Pacific Palisades

Client ID:	RC-IA	Date/Time Analyzed:	6/16/25 09:21 PM
Lab ID:	2506282-03A	Dilution Factor:	1.69
Date/Time Collected:	6/5/25 03:10 PM	Instrument/Filename:	msdv.i / v061617sim
Media:	6 Liter Summa Canister (100% SIM Ambier)		

Compound	CAS#	MDL (ug/m3)	LOD (ug/m3)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,1,1-Trichloroethane	71-55-6	0.011	0.074	0.18	Not Detected
1,1,2,2-Tetrachloroethane	79-34-5	0.074	0.093	0.23	Not Detected
1,1,2-Trichloroethane	79-00-5	0.014	0.074	0.18	Not Detected
1,1-Dichloroethane	75-34-3	0.0094	0.055	0.14	Not Detected
1,1-Dichloroethene	75-35-4	0.015	0.054	0.067	Not Detected
1,2-Dibromoethane (EDB)	106-93-4	0.011	0.10	0.26	Not Detected
1,2-Dichloroethane	107-06-2	0.014	0.055	0.14	0.047 J
1,4-Dichlorobenzene	106-46-7	0.058	0.081	0.20	Not Detected
Benzene	71-43-2	0.029	0.043	0.27	0.11 J
Carbon Tetrachloride	56-23-5	0.024	0.085	0.21	0.36
Chloroethane	75-00-3	0.068	0.18	0.22	Not Detected
Chloroform	67-66-3	0.0096	0.066	0.16	0.067 J
Chloromethane	74-87-3	0.10	0.28	1.7	0.86 J
cis-1,2-Dichloroethene	156-59-2	0.015	0.054	0.13	Not Detected
Ethyl Benzene	100-41-4	0.015	0.059	0.15	0.036 J
Freon 114	76-14-2	0.036	0.094	0.24	0.10 J
Freon 12	75-71-8	0.026	0.067	0.42	1.8
m,p-Xylene	108-38-3	0.0070	0.059	0.29	0.11 J
Methyl tert-butyl ether	1634-04-4	0.0043	0.049	0.61	Not Detected
o-Xylene	95-47-6	0.013	0.059	0.15	0.042 J
Tetrachloroethene	127-18-4	0.017	0.092	0.23	Not Detected
Toluene	108-88-3	0.024	0.051	0.32	0.19 J
trans-1,2-Dichloroethene	156-60-5	0.012	0.054	0.67	Not Detected
Trichloroethene	79-01-6	0.018	0.073	0.18	Not Detected

EPA METHOD TO-15 GC/MS SIM
 LARAP Pacific Palisades

Client ID:	RC-IA	Date/Time Analyzed:	6/16/25 09:21 PM
Lab ID:	2506282-03A	Dilution Factor:	1.69
Date/Time Collected:	6/5/25 03:10 PM	Instrument/Filename:	msdv.i / v061617sim
Media:	6 Liter Summa Canister (100% SIM Ambier)		

Compound	CAS#	MDL (ug/m3)	LOD (ug/m3)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	75-01-4	0.013	0.034	0.043	Not Detected

J = Estimated value.

D: Analyte not within the DoD scope of accreditation.

Surrogates	CAS#	Limits	%Recovery
1,2-Dichloroethane-d4	17060-07-0	70-130	91
4-Bromofluorobenzene	460-00-4	70-130	90
Toluene-d8	2037-26-5	70-130	94

EPA METHOD TO-15 GC/MS SIM
LARAP Pacific Palisades

Client ID:	RC-OA	Date/Time Analyzed:	6/16/25 08:42 PM
Lab ID:	2506282-04A	Dilution Factor:	1.66
Date/Time Collected:	6/5/25 03:05 PM	Instrument/Filename:	msdv.i / v061616sim
Media:	6 Liter Summa Canister (100% SIM Ambier)		

Compound	CAS#	MDL (ug/m3)	LOD (ug/m3)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,1,1-Trichloroethane	71-55-6	0.011	0.072	0.18	Not Detected
1,1,2,2-Tetrachloroethane	79-34-5	0.072	0.091	0.23	Not Detected
1,1,2-Trichloroethane	79-00-5	0.014	0.072	0.18	Not Detected
1,1-Dichloroethane	75-34-3	0.0093	0.054	0.13	Not Detected
1,1-Dichloroethene	75-35-4	0.015	0.053	0.066	Not Detected
1,2-Dibromoethane (EDB)	106-93-4	0.011	0.10	0.26	Not Detected
1,2-Dichloroethane	107-06-2	0.014	0.054	0.13	0.050 J
1,4-Dichlorobenzene	106-46-7	0.057	0.080	0.20	Not Detected
Benzene	71-43-2	0.028	0.042	0.26	0.11 J
Carbon Tetrachloride	56-23-5	0.023	0.084	0.21	0.38
Chloroethane	75-00-3	0.067	0.18	0.22	Not Detected
Chloroform	67-66-3	0.0094	0.065	0.16	0.061 J
Chloromethane	74-87-3	0.098	0.27	1.7	0.79 J
cis-1,2-Dichloroethene	156-59-2	0.014	0.053	0.13	Not Detected
Ethyl Benzene	100-41-4	0.015	0.058	0.14	0.034 J
Freon 114	76-14-2	0.036	0.093	0.23	0.10 J
Freon 12	75-71-8	0.025	0.066	0.41	1.9
m,p-Xylene	108-38-3	0.0069	0.058	0.29	0.10 J
Methyl tert-butyl ether	1634-04-4	0.0042	0.048	0.60	Not Detected
o-Xylene	95-47-6	0.013	0.058	0.14	0.040 J
Tetrachloroethene	127-18-4	0.016	0.090	0.22	0.12 J
Toluene	108-88-3	0.024	0.050	0.31	0.20 J
trans-1,2-Dichloroethene	156-60-5	0.012	0.053	0.66	Not Detected
Trichloroethene	79-01-6	0.018	0.071	0.18	Not Detected

EPA METHOD TO-15 GC/MS SIM
 LARAP Pacific Palisades

Client ID:	RC-OA	Date/Time Analyzed:	6/16/25 08:42 PM
Lab ID:	2506282-04A	Dilution Factor:	1.66
Date/Time Collected:	6/5/25 03:05 PM	Instrument/Filename:	msdv.i / v061616sim
Media:	6 Liter Summa Canister (100% SIM Ambier)		

Compound	CAS#	MDL (ug/m3)	LOD (ug/m3)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	75-01-4	0.013	0.034	0.042	Not Detected

J = Estimated value.

D: Analyte not within the DoD scope of accreditation.

Surrogates	CAS#	Limits	%Recovery
1,2-Dichloroethane-d4	17060-07-0	70-130	94
4-Bromofluorobenzene	460-00-4	70-130	90
Toluene-d8	2037-26-5	70-130	95

EPA METHOD TO-15 GC/MS SIM
LARAP Pacific Palisades

Client ID:	Lab Blank	Date/Time Analyzed:	6/16/25 01:05 PM
Lab ID:	2506282-05A	Dilution Factor:	1.00
Date/Time Collected:	NA - Not Applicable	Instrument/Filename:	msdv.i / v061606simc
Media:	NA - Not Applicable		

Compound	CAS#	MDL (ug/m3)	LOD (ug/m3)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,1,1-Trichloroethane	71-55-6	0.0065	0.044	0.11	Not Detected
1,1,2,2-Tetrachloroethane	79-34-5	0.044	0.055	0.14	Not Detected
1,1,2-Trichloroethane	79-00-5	0.0083	0.044	0.11	Not Detected
1,1-Dichloroethane	75-34-3	0.0056	0.032	0.081	Not Detected
1,1-Dichloroethene	75-35-4	0.0090	0.032	0.040	Not Detected
1,2-Dibromoethane (EDB)	106-93-4	0.0067	0.061	0.15	Not Detected
1,2-Dichloroethane	107-06-2	0.0082	0.032	0.081	Not Detected
1,4-Dichlorobenzene	106-46-7	0.034	0.048	0.12	0.046 J
Benzene	71-43-2	0.017	0.026	0.16	Not Detected
Carbon Tetrachloride	56-23-5	0.014	0.050	0.12	Not Detected
Chloroethane	75-00-3	0.040	0.10	0.13	Not Detected
Chloroform	67-66-3	0.0057	0.039	0.098	Not Detected
Chloromethane	74-87-3	0.059	0.16	1.0	Not Detected
cis-1,2-Dichloroethene	156-59-2	0.0088	0.032	0.079	Not Detected
Ethyl Benzene	100-41-4	0.0088	0.035	0.087	Not Detected
Freon 114	76-14-2	0.022	0.056	0.14	Not Detected
Freon 12	75-71-8	0.015	0.040	0.25	Not Detected
m,p-Xylene	108-38-3	0.0042	0.035	0.17	0.0098 J
Methyl tert-butyl ether	1634-04-4	0.0025	0.029	0.36	Not Detected
o-Xylene	95-47-6	0.0078	0.035	0.087	Not Detected
Tetrachloroethene	127-18-4	0.0099	0.054	0.14	Not Detected
Toluene	108-88-3	0.014	0.030	0.19	Not Detected
trans-1,2-Dichloroethene	156-60-5	0.0073	0.032	0.40	Not Detected
Trichloroethene	79-01-6	0.011	0.043	0.11	Not Detected

EPA METHOD TO-15 GC/MS SIM
 LARAP Pacific Palisades

Client ID:	Lab Blank	Date/Time Analyzed:	6/16/25 01:05 PM
Lab ID:	2506282-05A	Dilution Factor:	1.00
Date/Time Collected:	NA - Not Applicable	Instrument/Filename:	msdv.i / v061606simc
Media:	NA - Not Applicable		

Compound	CAS#	MDL (ug/m3)	LOD (ug/m3)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	75-01-4	0.0077	0.020	0.026	Not Detected

J = Estimated value.

D: Analyte not within the DoD scope of accreditation.

Surrogates	CAS#	Limits	%Recovery
1,2-Dichloroethane-d4	17060-07-0	70-130	97
4-Bromofluorobenzene	460-00-4	70-130	91
Toluene-d8	2037-26-5	70-130	94

EPA METHOD TO-15 GC/MS SIM
LARAP Pacific Palisades

Client ID:	CCV	Date/Time Analyzed:	6/16/25 09:17 AM
Lab ID:	2506282-06A	Dilution Factor:	1.00
Date/Time Collected:	NA - Not Applicable	Instrument/Filename:	msdv.i / v061602sim
Media:	NA - Not Applicable		

Compound	CAS#	%Recovery
1,1,1-Trichloroethane	71-55-6	90
1,1,2,2-Tetrachloroethane	79-34-5	77
1,1,2-Trichloroethane	79-00-5	87
1,1-Dichloroethane	75-34-3	88
1,1-Dichloroethene	75-35-4	95
1,2-Dibromoethane (EDB)	106-93-4	96
1,2-Dichloroethane	107-06-2	81
1,4-Dichlorobenzene	106-46-7	100
Benzene	71-43-2	94
Carbon Tetrachloride	56-23-5	106
Chloroethane	75-00-3	98
Chloroform	67-66-3	88
Chloromethane	74-87-3	79
cis-1,2-Dichloroethene	156-59-2	103
Ethyl Benzene	100-41-4	117
Freon 114	76-14-2	88
Freon 12	75-71-8	84
m,p-Xylene	108-38-3	118
Methyl tert-butyl ether	1634-04-4	111
o-Xylene	95-47-6	114
Tetrachloroethene	127-18-4	96
Toluene	108-88-3	100
trans-1,2-Dichloroethene	156-60-5	97
Trichloroethene	79-01-6	94

EPA METHOD TO-15 GC/MS SIM
 LARAP Pacific Palisades

Client ID:	CCV	Date/Time Analyzed:	6/16/25 09:17 AM
Lab ID:	2506282-06A	Dilution Factor:	1.00
Date/Time Collected:	NA - Not Applicable	Instrument/Filename:	msdv.i / v061602sim
Media:	NA - Not Applicable		

Compound	CAS#	%Recovery
Vinyl Chloride	75-01-4	83

D: Analyte not within the DoD scope of accreditation.

Surrogates	CAS#	Limits	%Recovery
1,2-Dichloroethane-d4	17060-07-0	70-130	90
4-Bromofluorobenzene	460-00-4	70-130	118
Toluene-d8	2037-26-5	70-130	102

EPA METHOD TO-15 GC/MS SIM
LARAP Pacific Palisades

Client ID:	LCS	Date/Time Analyzed:	6/16/25 10:17 AM
Lab ID:	2506282-07A	Dilution Factor:	1.00
Date/Time Collected:	NA - Not Applicable	Instrument/Filename:	msdv.i / v061603sim
Media:	NA - Not Applicable		

Compound	CAS#	%Recovery
1,1,1-Trichloroethane	71-55-6	92
1,1,2,2-Tetrachloroethane	79-34-5	72
1,1,2-Trichloroethane	79-00-5	85
1,1-Dichloroethane	75-34-3	89
1,1-Dichloroethene	75-35-4	89
1,2-Dibromoethane (EDB)	106-93-4	91
1,2-Dichloroethane	107-06-2	78
1,4-Dichlorobenzene	106-46-7	92
Benzene	71-43-2	92
Carbon Tetrachloride	56-23-5	110
Chloroethane	75-00-3	100
Chloroform	67-66-3	87
Chloromethane	74-87-3	82
cis-1,2-Dichloroethene	156-59-2	101
Ethyl Benzene	100-41-4	114
Freon 114	76-14-2	92
Freon 12	75-71-8	89
m,p-Xylene	108-38-3	111
Methyl tert-butyl ether	1634-04-4	104
o-Xylene	95-47-6	102
Tetrachloroethene	127-18-4	91
Toluene	108-88-3	94
trans-1,2-Dichloroethene	156-60-5	96
Trichloroethene	79-01-6	89

* % Recovery is calculated using unrounded analytical results.

EPA METHOD TO-15 GC/MS SIM
 LARAP Pacific Palisades

Client ID:	LCS	Date/Time Analyzed:	6/16/25 10:17 AM
Lab ID:	2506282-07A	Dilution Factor:	1.00
Date/Time Collected:	NA - Not Applicable	Instrument/Filename:	msdv.i / v061603sim
Media:	NA - Not Applicable		

Compound	CAS#	%Recovery
Vinyl Chloride	75-01-4	87

D: Analyte not within the DoD scope of accreditation.

Surrogates	CAS#	Limits	%Recovery
1,2-Dichloroethane-d4	17060-07-0	70-130	91
4-Bromofluorobenzene	460-00-4	70-130	111
Toluene-d8	2037-26-5	70-130	96

* % Recovery is calculated using unrounded analytical results.

EPA METHOD TO-15 GC/MS SIM
LARAP Pacific Palisades

Client ID:	LCSD	Date/Time Analyzed:	6/16/25 11:04 AM
Lab ID:	2506282-07AA	Dilution Factor:	1.00
Date/Time Collected:	NA - Not Applicable	Instrument/Filename:	msdv.i / v061604sim
Media:	NA - Not Applicable		

Compound	CAS#	%Recovery
1,1,1-Trichloroethane	71-55-6	93
1,1,2,2-Tetrachloroethane	79-34-5	74
1,1,2-Trichloroethane	79-00-5	84
1,1-Dichloroethane	75-34-3	89
1,1-Dichloroethene	75-35-4	90
1,2-Dibromoethane (EDB)	106-93-4	90
1,2-Dichloroethane	107-06-2	77
1,4-Dichlorobenzene	106-46-7	93
Benzene	71-43-2	90
Carbon Tetrachloride	56-23-5	110
Chloroethane	75-00-3	101
Chloroform	67-66-3	87
Chloromethane	74-87-3	81
cis-1,2-Dichloroethene	156-59-2	102
Ethyl Benzene	100-41-4	112
Freon 114	76-14-2	91
Freon 12	75-71-8	88
m,p-Xylene	108-38-3	110
Methyl tert-butyl ether	1634-04-4	106
o-Xylene	95-47-6	102
Tetrachloroethene	127-18-4	90
Toluene	108-88-3	93
trans-1,2-Dichloroethene	156-60-5	97
Trichloroethene	79-01-6	88

* % Recovery is calculated using unrounded analytical results.

EPA METHOD TO-15 GC/MS SIM
 LARAP Pacific Palisades

Client ID:	LCSD	Date/Time Analyzed:	6/16/25 11:04 AM
Lab ID:	2506282-07AA	Dilution Factor:	1.00
Date/Time Collected:	NA - Not Applicable	Instrument/Filename:	msdv.i / v061604sim
Media:	NA - Not Applicable		

Compound	CAS#	%Recovery
Vinyl Chloride	75-01-4	86

D: Analyte not within the DoD scope of accreditation.

Surrogates	CAS#	Limits	%Recovery
1,2-Dichloroethane-d4	17060-07-0	70-130	91
4-Bromofluorobenzene	460-00-4	70-130	115
Toluene-d8	2037-26-5	70-130	96

* % Recovery is calculated using unrounded analytical results.

Method : _TO-15 SIM Std 25

CAS Number	Compound	Rpt. Limit (ppbv)
75-71-8	Freon 12	0.050
76-14-2	Freon 114	0.020
74-87-3	Chloromethane	0.50
75-01-4	Vinyl Chloride	0.010
75-00-3	Chloroethane	0.050
75-35-4	1,1-Dichloroethene	0.010
156-60-5	trans-1,2-Dichloroethene	0.10
1634-04-4	Methyl tert-butyl ether	0.10
75-34-3	1,1-Dichloroethane	0.020
156-59-2	cis-1,2-Dichloroethene	0.020
67-66-3	Chloroform	0.020
71-55-6	1,1,1-Trichloroethane	0.020
56-23-5	Carbon Tetrachloride	0.020
71-43-2	Benzene	0.050
107-06-2	1,2-Dichloroethane	0.020
79-01-6	Trichloroethene	0.020
108-88-3	Toluene	0.050
79-00-5	1,1,2-Trichloroethane	0.020
127-18-4	Tetrachloroethene	0.020
106-93-4	1,2-Dibromoethane (EDB)	0.020
100-41-4	Ethyl Benzene	0.020
108-38-3	m,p-Xylene	0.040
95-47-6	o-Xylene	0.020
79-34-5	1,1,2,2-Tetrachloroethane	0.020
106-46-7	1,4-Dichlorobenzene	0.020

	Surrogate	Method Limits
17060-07-0	1,2-Dichloroethane-d4	70-130
2037-26-5	Toluene-d8	70-130
460-00-4	4-Bromofluorobenzene	70-130

Analytical Report

6/20/2025

Mr. Konrad Grochocki
Ninyo & Moore
475 Goddard, Suite 200

Irvine CA 92618

Project Name: LARAP Pacific Palisades
Project #: 211750006
Workorder #: 2506163

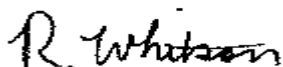
Dear Mr. Konrad Grochocki

The following report includes the data for the above referenced project for sample(s) received on 6/9/2025 at Eurofins Air Toxics LLC.

The data and associated QC analyzed by Modified TO-13A are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Eurofins Air Toxics LLC. for your air analysis needs. Eurofins Air Toxics Inc. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Regginette Whitson at 916-985-1000 if you have any questions regarding the data in this report.

Regards,



Regginette Whitson
Project Manager

WORK ORDER #: 2506163

Work Order Summary

CLIENT: Mr. Konrad Grochocki
Ninyo & Moore
475 Goddard, Suite 200
Irvine, CA 92618

BILL TO: Accounts Payable - Alameda
Ninyo & Moore
1301 Marina Village Parkway
Suite 110
Alameda, CA 94501

PHONE: 949-753-7070 x11286

P.O. #

FAX:

PROJECT # 211750006 LARAP Pacific Palisades

DATE RECEIVED: 06/09/2025

CONTACT: Regginette Whitson

DATE COMPLETED: 06/20/2025

<u>FRACTION #</u>	<u>NAME</u>	<u>TEST</u>
01A	PP-IA	Modified TO-13A
02A	PP-OA	Modified TO-13A
03A	RC-IA	Modified TO-13A
04A	RC-OA	Modified TO-13A
05A	Lab Blank	Modified TO-13A
06A	CCV	Modified TO-13A
07A	LCS	Modified TO-13A
07AA	LCSD	Modified TO-13A

CERTIFIED BY:



Technical Director

DATE: 06/20/25

Cert. No.: AZ Licensure-AZ0775, FL NELAP-E87680, LA NELAP-02089, MN NELAP-2836569, NH NELAP-209224-A, NJ NELAP-CA016, NY NELAP-11291, TX NELAP-T104704434, UT NELAP-CA009332023-16, VA NELAP-13180, WA NELAP-C935

Name of Accreditation Body: NELAP/ORELAP (Oregon Environmental Laboratory Accreditation Program) CA300005-21

Eurofins Environment Testing Northern California, LLC certifies that the test results contained in this report meet all requirements of the 2016 TNI Standard.

This report shall not be reproduced, except in full, without the written approval of Eurofins Air Toxics, LLC.

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630

(916) 985-1000

LABORATORY NARRATIVE
Modified TO-13A
Ninyo & Moore
Workorder# 2506163

Four PUF/XAD Cartridge-Low Volume samples were received on June 09, 2025. The laboratory performed the analysis for polycyclic aromatic hydrocarbons in air by modified EPA Method TO-13A. The PUF/XAD samples were extracted using Pressurized Fluid Extraction (PFE) by EPA Method 3545A. The sample extract was then concentrated to 1.0 mL and analyzed by GC/MS in the full scan mode.

To meet the quality control objectives outlined in Method TO-13A, a field blank is required for each sampling episode. If field blanks are not provided to the laboratory, any attendant risk to data quality is the responsibility of the data user.

The frequency of matrix spikes are determined by the different monitoring programs. Matrix spikes are not included in the routine calibration specifications for TO-13A.

<i>Requirement</i>	<i>TO-13A</i>	<i>ATL Modifications</i>
Initial Calibration	Calibration range: 0.1-2.5 ug/mL in Hexane	Calibration range: 1.0-500 ug/mL in Methylene chloride
Method Blank	<MDL	<Reporting limit
Surrogate Recoveries	60-120%	50-150% for Field Surrogates Fluoranthene-d10 and Benzo(a)pyrene-d12

Receiving Notes

A Temperature Blank was included with the shipment. Temperature was measured and was greater than 6°C. Coolant in the form of blue ice was present. The client was notified and analysis proceeded.

The Chain of Custody contained incorrect method information. The laboratory proceeded with the analysis as per the original contract or verbal agreement.

Analytical Notes

The sample cartridges were pre-spiked with Fluoranthene-d10 and Benzo(a)Pyrene-d12 on 6/2/25.

Sampling volumes were supplied by the client. A sample volume of 455 L was used for the Lab Blank.

As per project specific client request the laboratory has reported estimated values for target compound hits that are below the Reporting Limit but greater than the Method Detection Limit. Concentrations that are below the level at which the sorbent media was certified may be false positives.

Naphthalene was detected in the Laboratory Blank. Due to the nature of PUF/XAD2 extraction it is not possible to re-extract the associated samples. Associated results are "B" flagged.

Definition of Data Qualifying Flags

Seven qualifiers may have been used on the data analysis sheets and indicate as follows:

E - Exceeds instrument calibration range.

Q - Exceeds quality control limits.

S - Saturated peak.

J - Estimated value.

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

U - Compound analyzed for but not detected above the reporting limit, LOD, or MDL value. See data page for project specific U-flag definition.

N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue

Summary of Detected Compounds
EPA METHOD TO-13A GC/MS FULL SCAN

Client Sample ID: PP-IA

Lab ID#: 2506163-01A

Compound	Rpt. Limit (ug)	Rpt. Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
Naphthalene	1.0	2.2	0.96 J7B	2.1 J7B
2-Methylnaphthalene	1.0	2.2	0.43 J	0.97 J

Client Sample ID: PP-OA

Lab ID#: 2506163-02A

No Detections Were Found.

Client Sample ID: RC-IA

Lab ID#: 2506163-03A

Compound	Rpt. Limit (ug)	Rpt. Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
Naphthalene	1.0	2.2	0.61 JB	1.3 JB

Client Sample ID: RC-OA

Lab ID#: 2506163-04A

No Detections Were Found.

Client Sample ID: PP-IA

Lab ID#: 2506163-01A

EPA METHOD TO-13A GC/MS FULL SCAN

File Name:	92060919	Date of Collection: 6/5/25 2:40:00 PM
Dil. Factor:	1.00	Date of Analysis: 6/9/25 06:15 PM
		Date of Extraction: 6/9/25

Compound	Rpt. Limit (ug)	Rpt. Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
Naphthalene	1.0	2.2	0.96 J7B	2.1 J7B
2-Methylnaphthalene	1.0	2.2	0.43 J	0.97 J
2-Chloronaphthalene	1.0	2.2	Not Detected	Not Detected
Acenaphthylene	1.0	2.2	Not Detected	Not Detected
Acenaphthene	1.0	2.2	Not Detected	Not Detected
Fluorene	1.0	2.2	Not Detected	Not Detected
Phenanthrene	1.0	2.2	Not Detected	Not Detected
Anthracene	1.0	2.2	Not Detected	Not Detected
Fluoranthene	1.0	2.2	Not Detected	Not Detected
Pyrene	1.0	2.2	Not Detected	Not Detected
Chrysene	1.0	2.2	Not Detected	Not Detected
Benzo(a)anthracene	1.0	2.2	Not Detected	Not Detected
Benzo(b)fluoranthene	1.0	2.2	Not Detected	Not Detected
Benzo(k)fluoranthene	1.0	2.2	Not Detected	Not Detected
Benzo(a)pyrene	1.0	2.2	Not Detected	Not Detected
Indeno(1,2,3-c,d)pyrene	1.0	2.2	Not Detected	Not Detected
Dibenz(a,h)anthracene	1.0	2.2	Not Detected	Not Detected
Benzo(g,h,i)perylene	1.0	2.2	Not Detected	Not Detected

Air Sample Volume(L): 450

J = Estimated value.

Container Type: PUF/XAD Cartridge-Low Volume

Surrogates	%Recovery	Method Limits
Fluorene-d10	81	60-120
Pyrene-d10	83	60-120
Benzo(a)pyrene-d12	109	50-150
Fluoranthene-d10	90	50-150

Client Sample ID: PP-OA

Lab ID#: 2506163-02A

EPA METHOD TO-13A GC/MS FULL SCAN

File Name:	92060920	Date of Collection: 6/5/25 2:45:00 PM
Dil. Factor:	1.00	Date of Analysis: 6/9/25 06:41 PM
		Date of Extraction: 6/9/25

Compound	Rpt. Limit (ug)	Rpt. Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
Naphthalene	1.0	2.2	Not Detected	Not Detected
2-Methylnaphthalene	1.0	2.2	Not Detected	Not Detected
2-Chloronaphthalene	1.0	2.2	Not Detected	Not Detected
Acenaphthylene	1.0	2.2	Not Detected	Not Detected
Acenaphthene	1.0	2.2	Not Detected	Not Detected
Fluorene	1.0	2.2	Not Detected	Not Detected
Phenanthrene	1.0	2.2	Not Detected	Not Detected
Anthracene	1.0	2.2	Not Detected	Not Detected
Fluoranthene	1.0	2.2	Not Detected	Not Detected
Pyrene	1.0	2.2	Not Detected	Not Detected
Chrysene	1.0	2.2	Not Detected	Not Detected
Benzo(a)anthracene	1.0	2.2	Not Detected	Not Detected
Benzo(b)fluoranthene	1.0	2.2	Not Detected	Not Detected
Benzo(k)fluoranthene	1.0	2.2	Not Detected	Not Detected
Benzo(a)pyrene	1.0	2.2	Not Detected	Not Detected
Indeno(1,2,3-c,d)pyrene	1.0	2.2	Not Detected	Not Detected
Dibenz(a,h)anthracene	1.0	2.2	Not Detected	Not Detected
Benzo(g,h,i)perylene	1.0	2.2	Not Detected	Not Detected

Air Sample Volume(L): 450

Container Type: PUF/XAD Cartridge-Low Volume

Surrogates	%Recovery	Method Limits
Fluorene-d10	84	60-120
Pyrene-d10	85	60-120
Benzo(a)pyrene-d12	107	50-150
Fluoranthene-d10	95	50-150



Air Toxics

Client Sample ID: RC-IA

Lab ID#: 2506163-03A

EPA METHOD TO-13A GC/MS FULL SCAN

File Name:	92060921	Date of Collection: 6/5/25 3:10:00 PM
Dil. Factor:	1.00	Date of Analysis: 6/9/25 07:07 PM
		Date of Extraction: 6/9/25

Compound	Rpt. Limit (ug)	Rpt. Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
Naphthalene	1.0	2.2	0.61 JB	1.3 JB
2-Methylnaphthalene	1.0	2.2	Not Detected	Not Detected
2-Chloronaphthalene	1.0	2.2	Not Detected	Not Detected
Acenaphthylene	1.0	2.2	Not Detected	Not Detected
Acenaphthene	1.0	2.2	Not Detected	Not Detected
Fluorene	1.0	2.2	Not Detected	Not Detected
Phenanthrene	1.0	2.2	Not Detected	Not Detected
Anthracene	1.0	2.2	Not Detected	Not Detected
Fluoranthene	1.0	2.2	Not Detected	Not Detected
Pyrene	1.0	2.2	Not Detected	Not Detected
Chrysene	1.0	2.2	Not Detected	Not Detected
Benzo(a)anthracene	1.0	2.2	Not Detected	Not Detected
Benzo(b)fluoranthene	1.0	2.2	Not Detected	Not Detected
Benzo(k)fluoranthene	1.0	2.2	Not Detected	Not Detected
Benzo(a)pyrene	1.0	2.2	Not Detected	Not Detected
Indeno(1,2,3-c,d)pyrene	1.0	2.2	Not Detected	Not Detected
Dibenz(a,h)anthracene	1.0	2.2	Not Detected	Not Detected
Benzo(g,h,i)perylene	1.0	2.2	Not Detected	Not Detected

Air Sample Volume(L): 455

J = Estimated value.

B = Analyte present in laboratory blank greater than reporting limit.

Container Type: PUF/XAD Cartridge-Low Volume

Surrogates	%Recovery	Method Limits
Fluorene-d10	65	60-120
Pyrene-d10	67	60-120
Benzo(a)pyrene-d12	82	50-150
Fluoranthene-d10	72	50-150

Client Sample ID: RC-OA

Lab ID#: 2506163-04A

EPA METHOD TO-13A GC/MS FULL SCAN

File Name:	92060922	Date of Collection: 6/5/25 3:05:00 PM
Dil. Factor:	1.00	Date of Analysis: 6/9/25 07:33 PM
		Date of Extraction: 6/9/25

Compound	Rpt. Limit (ug)	Rpt. Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
Naphthalene	1.0	2.2	Not Detected	Not Detected
2-Methylnaphthalene	1.0	2.2	Not Detected	Not Detected
2-Chloronaphthalene	1.0	2.2	Not Detected	Not Detected
Acenaphthylene	1.0	2.2	Not Detected	Not Detected
Acenaphthene	1.0	2.2	Not Detected	Not Detected
Fluorene	1.0	2.2	Not Detected	Not Detected
Phenanthrene	1.0	2.2	Not Detected	Not Detected
Anthracene	1.0	2.2	Not Detected	Not Detected
Fluoranthene	1.0	2.2	Not Detected	Not Detected
Pyrene	1.0	2.2	Not Detected	Not Detected
Chrysene	1.0	2.2	Not Detected	Not Detected
Benzo(a)anthracene	1.0	2.2	Not Detected	Not Detected
Benzo(b)fluoranthene	1.0	2.2	Not Detected	Not Detected
Benzo(k)fluoranthene	1.0	2.2	Not Detected	Not Detected
Benzo(a)pyrene	1.0	2.2	Not Detected	Not Detected
Indeno(1,2,3-c,d)pyrene	1.0	2.2	Not Detected	Not Detected
Dibenz(a,h)anthracene	1.0	2.2	Not Detected	Not Detected
Benzo(g,h,i)perylene	1.0	2.2	Not Detected	Not Detected

Air Sample Volume(L): 455

Container Type: PUF/XAD Cartridge-Low Volume

Surrogates	%Recovery	Method Limits
Fluorene-d10	87	60-120
Pyrene-d10	83	60-120
Benzo(a)pyrene-d12	102	50-150
Fluoranthene-d10	90	50-150

Client Sample ID: Lab Blank

Lab ID#: 2506163-05A

EPA METHOD TO-13A GC/MS FULL SCAN

File Name:	92060906c	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 6/9/25 12:42 PM
		Date of Extraction: 6/9/25

Compound	Rpt. Limit (ug)	Rpt. Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
Naphthalene	1.0	2.2	1.4	3.1
2-Methylnaphthalene	1.0	2.2	0.48 J	1.0 J
2-Chloronaphthalene	1.0	2.2	Not Detected	Not Detected
Acenaphthylene	1.0	2.2	Not Detected	Not Detected
Acenaphthene	1.0	2.2	Not Detected	Not Detected
Fluorene	1.0	2.2	Not Detected	Not Detected
Phenanthrene	1.0	2.2	Not Detected	Not Detected
Anthracene	1.0	2.2	Not Detected	Not Detected
Fluoranthene	1.0	2.2	Not Detected	Not Detected
Pyrene	1.0	2.2	Not Detected	Not Detected
Chrysene	1.0	2.2	Not Detected	Not Detected
Benzo(a)anthracene	1.0	2.2	Not Detected	Not Detected
Benzo(b)fluoranthene	1.0	2.2	Not Detected	Not Detected
Benzo(k)fluoranthene	1.0	2.2	Not Detected	Not Detected
Benzo(a)pyrene	1.0	2.2	Not Detected	Not Detected
Indeno(1,2,3-c,d)pyrene	1.0	2.2	Not Detected	Not Detected
Dibenz(a,h)anthracene	1.0	2.2	Not Detected	Not Detected
Benzo(g,h,i)perylene	1.0	2.2	Not Detected	Not Detected

Air Sample Volume(L): 455

J = Estimated value.

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Fluorene-d10	85	60-120
Pyrene-d10	80	60-120
Benzo(a)pyrene-d12	104	50-150
Fluoranthene-d10	90	50-150

Client Sample ID: CCV

Lab ID#: 2506163-06A

EPA METHOD TO-13A GC/MS FULL SCAN

File Name:	92060903	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 6/9/25 10:57 AM
		Date of Extraction: NA

Compound	%Recovery
Naphthalene	98
2-Methylnaphthalene	101
2-Chloronaphthalene	104
Acenaphthylene	101
Acenaphthene	98
Fluorene	104
Phenanthrene	96
Anthracene	92
Fluoranthene	101
Pyrene	94
Chrysene	95
Benzo(a)anthracene	97
Benzo(b)fluoranthene	93
Benzo(k)fluoranthene	103
Benzo(a)pyrene	104
Indeno(1,2,3-c,d)pyrene	100
Dibenz(a,h)anthracene	109
Benzo(g,h,i)perylene	100

Air Sample Volume(L): 1.00

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Fluorene-d10	100	70-130
Pyrene-d10	97	70-130
Benzo(a)pyrene-d12	105	70-130
Fluoranthene-d10	97	70-130

Client Sample ID: LCS

Lab ID#: 2506163-07A

EPA METHOD TO-13A GC/MS FULL SCAN

File Name:	92060904	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 6/9/25 11:50 AM
		Date of Extraction: 6/9/25

Compound	%Recovery	Method Limits
Naphthalene	78	60-120
2-Methylnaphthalene	88	60-120
2-Chloronaphthalene	89	60-120
Acenaphthylene	87	60-120
Acenaphthene	82	60-120
Fluorene	92	60-120
Phenanthrene	87	60-120
Anthracene	96	60-120
Fluoranthene	94	60-120
Pyrene	92	60-120
Chrysene	88	60-120
Benzo(a)anthracene	99	60-120
Benzo(b)fluoranthene	92	60-120
Benzo(k)fluoranthene	95	60-120
Benzo(a)pyrene	96	60-120
Indeno(1,2,3-c,d)pyrene	102	60-120
Dibenz(a,h)anthracene	107	60-120
Benzo(g,h,i)perylene	96	60-120

Air Sample Volume(L): 1.00

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Fluorene-d10	88	60-120
Pyrene-d10	84	60-120
Benzo(a)pyrene-d12	108	50-150
Fluoranthene-d10	87	50-150

Client Sample ID: LCSD

Lab ID#: 2506163-07AA

EPA METHOD TO-13A GC/MS FULL SCAN

File Name:	92060905	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 6/9/25 12:16 PM
		Date of Extraction: 6/9/25

Compound	%Recovery	Method Limits
Naphthalene	80	60-120
2-Methylnaphthalene	91	60-120
2-Chloronaphthalene	90	60-120
Acenaphthylene	89	60-120
Acenaphthene	84	60-120
Fluorene	97	60-120
Phenanthrene	93	60-120
Anthracene	101	60-120
Fluoranthene	100	60-120
Pyrene	96	60-120
Chrysene	99	60-120
Benzo(a)anthracene	101	60-120
Benzo(b)fluoranthene	94	60-120
Benzo(k)fluoranthene	98	60-120
Benzo(a)pyrene	95	60-120
Indeno(1,2,3-c,d)pyrene	104	60-120
Dibenz(a,h)anthracene	105	60-120
Benzo(g,h,i)perylene	100	60-120

Air Sample Volume(L): 1.00

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Fluorene-d10	91	60-120
Pyrene-d10	92	60-120
Benzo(a)pyrene-d12	104	50-150
Fluoranthene-d10	93	50-150

Method : TO-13A (PAHs)

CAS Number	Compound	Rpt. Limit (ug)
91-20-3	Naphthalene	1.0
91-57-6	2-Methylnaphthalene	1.0
91-58-7	2-Chloronaphthalene	1.0
208-96-8	Acenaphthylene	1.0
83-32-9	Acenaphthene	1.0
86-73-7	Fluorene	1.0
85-01-8	Phenanthrene	1.0
120-12-7	Anthracene	1.0
206-44-0	Fluoranthene	1.0
129-00-0	Pyrene	1.0
218-01-9	Chrysene	1.0
56-55-3	Benzo(a)anthracene	1.0
205-99-2	Benzo(b)fluoranthene	1.0
207-08-9	Benzo(k)fluoranthene	1.0
50-32-8	Benzo(a)pyrene	1.0
193-39-5	Indeno(1,2,3-c,d)pyrene	1.0
53-70-3	Dibenz(a,h)anthracene	1.0
191-24-2	Benzo(g,h,i)perylene	1.0

	Surrogate	Method Limits
81103-79-9	Fluorene-d10	60-120
1718-52-1	Pyrene-d10	60-120
9999-9999-002	Benzo(a)pyrene-d12	50-150
9999-9999-001	Fluoranthene-d10	50-150

ANALYTICAL REPORT

PREPARED FOR

Attn: Jeff Aguilar
Ninyo & Moore
475 Goddard St. Suite 200
Irvine, California 92618

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JOB DESCRIPTION

LARAP Pacific Palisades & Rustic Canyons

JOB NUMBER

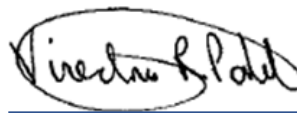
570-245767-1

Job Notes

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Authorization



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Definitions/Glossary

Client: Ninyo & Moore

Job ID: 570-245767-1

Project/Site: LARAP Pacific Palisades & Rustic Canyons

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Ninyo & Moore
Project: LARAP Pacific Palisades & Rustic Canyons

Job ID: 570-245767-1

Job ID: 570-245767-1

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Job Narrative 570-245767-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt

The samples were received on 9/9/2025 9:25 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 5.4°C.

Metals

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

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Detection Summary

Client: Ninyo & Moore
Project/Site: LARAP Pacific Palisades & Rustic Canyons

Job ID: 570-245767-1

Client Sample ID: PP-4-1

Lab Sample ID: 570-245767-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	9.99		2.69		mg/Kg	2		6010B	Total/NA
Lead	12.6		1.80		mg/Kg	2		6010B	Total/NA

Client Sample ID: PP-4-5N-0.5

Lab Sample ID: 570-245767-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	9.30		2.52		mg/Kg	2		6010B	Total/NA
Lead	25.8		1.68		mg/Kg	2		6010B	Total/NA

Client Sample ID: PP-4-5SE-0.5

Lab Sample ID: 570-245767-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	10.2		2.57		mg/Kg	2		6010B	Total/NA
Lead	20.6		1.71		mg/Kg	2		6010B	Total/NA

Client Sample ID: PP-4-5SW-0.5

Lab Sample ID: 570-245767-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	10.4		2.64		mg/Kg	2		6010B	Total/NA
Lead	30.8		1.76		mg/Kg	2		6010B	Total/NA

Client Sample ID: RC-1-1

Lab Sample ID: 570-245767-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cadmium	3.81		0.367		mg/Kg	2		6010B	Total/NA

Client Sample ID: RC-1-5N-0.5

Lab Sample ID: 570-245767-22

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cadmium	9.51		0.389		mg/Kg	2		6010B	Total/NA

Client Sample ID: RC-1-5SE-0.5

Lab Sample ID: 570-245767-24

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cadmium	14.7		0.365		mg/Kg	2		6010B	Total/NA

Client Sample ID: RC-1-5SW-0.5

Lab Sample ID: 570-245767-26

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cadmium	8.64		0.406		mg/Kg	2		6010B	Total/NA

Client Sample ID: RC-5-1

Lab Sample ID: 570-245767-28

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	10.4		2.99		mg/Kg	2		6010B	Total/NA

Client Sample ID: RC-5-5W-0.5

Lab Sample ID: 570-245767-30

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	9.83		3.12		mg/Kg	2		6010B	Total/NA

Client Sample ID: RC-5-5NE-0.5

Lab Sample ID: 570-245767-32

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	10.3		2.72		mg/Kg	2		6010B	Total/NA

This Detection Summary does not include radiochemical test results.

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- 3
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- 10
- 11
- 12
- 13
- 14

Job ID: 570-245767-1

Client Sample ID: RC-5-5SE-0.5

Lab Sample ID: 570-245767-34

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	12.3		2.87		mg/Kg	2		6010B	Total/NA

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Client Sample Results

Client: Ninyo & Moore
Project/Site: LARAP Pacific Palisades & Rustic Canyons

Job ID: 570-245767-1

Method: SW846 6010B - Metals (ICP)

Client Sample ID: PP-4-1

Date Collected: 09/08/25 13:25

Date Received: 09/09/25 09:25

Lab Sample ID: 570-245767-1

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	9.99		2.69		mg/Kg		09/11/25 03:00	09/11/25 10:54	2
Lead	12.6		1.80		mg/Kg		09/11/25 03:00	09/11/25 10:54	2

Client Sample ID: PP-4-5N-0.5

Date Collected: 09/08/25 15:38

Date Received: 09/09/25 09:25

Lab Sample ID: 570-245767-5

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	9.30		2.52		mg/Kg		09/11/25 03:00	09/11/25 11:03	2
Lead	25.8		1.68		mg/Kg		09/11/25 03:00	09/11/25 11:03	2

Client Sample ID: PP-4-5SE-0.5

Date Collected: 09/08/25 14:50

Date Received: 09/09/25 09:25

Lab Sample ID: 570-245767-10

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	10.2		2.57		mg/Kg		09/11/25 03:00	09/11/25 11:05	2
Lead	20.6		1.71		mg/Kg		09/11/25 03:00	09/11/25 11:05	2

Client Sample ID: PP-4-5SW-0.5

Date Collected: 09/08/25 14:00

Date Received: 09/09/25 09:25

Lab Sample ID: 570-245767-15

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	10.4		2.64		mg/Kg		09/11/25 03:00	09/11/25 11:07	2
Lead	30.8		1.76		mg/Kg		09/11/25 03:00	09/11/25 11:07	2

Client Sample ID: RC-1-1

Date Collected: 09/08/25 06:36

Date Received: 09/09/25 09:25

Lab Sample ID: 570-245767-20

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	3.81		0.367		mg/Kg		09/11/25 03:00	09/11/25 11:09	2

Client Sample ID: RC-1-5N-0.5

Date Collected: 09/08/25 08:25

Date Received: 09/09/25 09:25

Lab Sample ID: 570-245767-22

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	9.51		0.389		mg/Kg		09/11/25 03:00	09/11/25 11:10	2

Client Sample ID: RC-1-5SE-0.5

Date Collected: 09/08/25 08:50

Date Received: 09/09/25 09:25

Lab Sample ID: 570-245767-24

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	14.7		0.365		mg/Kg		09/11/25 03:00	09/11/25 11:12	2

Client Sample ID: RC-1-5SW-0.5

Date Collected: 09/08/25 09:12

Date Received: 09/09/25 09:25

Lab Sample ID: 570-245767-26

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	8.64		0.406		mg/Kg		09/11/25 03:00	09/11/25 11:14	2

Client Sample Results

Client: Ninyo & Moore
Project/Site: LARAP Pacific Palisades & Rustic Canyons

Job ID: 570-245767-1

Method: SW846 6010B - Metals (ICP)

Client Sample ID: RC-5-1

Date Collected: 09/08/25 10:05

Date Received: 09/09/25 09:25

Lab Sample ID: 570-245767-28

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	10.4		2.99		mg/Kg		09/11/25 03:00	09/11/25 11:16	2

Client Sample ID: RC-5-5W-0.5

Date Collected: 09/08/25 10:50

Date Received: 09/09/25 09:25

Lab Sample ID: 570-245767-30

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	9.83		3.12		mg/Kg		09/11/25 03:00	09/11/25 11:18	2

Client Sample ID: RC-5-5NE-0.5

Date Collected: 09/08/25 11:30

Date Received: 09/09/25 09:25

Lab Sample ID: 570-245767-32

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	10.3		2.72		mg/Kg		09/11/25 03:00	09/11/25 11:19	2

Client Sample ID: RC-5-5SE-0.5

Date Collected: 09/08/25 12:00

Date Received: 09/09/25 09:25

Lab Sample ID: 570-245767-34

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	12.3		2.87		mg/Kg		09/11/25 03:00	09/11/25 11:26	2

QC Sample Results

Client: Ninyo & Moore
Project/Site: LARAP Pacific Palisades & Rustic Canyons

Job ID: 570-245767-1

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 570-623866/1-A

Matrix: Solid

Analysis Batch: 624263

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 623866

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		2.85		mg/Kg		09/11/25 03:00	09/11/25 10:40	2
Cadmium	ND		0.380		mg/Kg		09/11/25 03:00	09/11/25 10:40	2
Lead	ND		1.90		mg/Kg		09/11/25 03:00	09/11/25 10:40	2

Lab Sample ID: LCS 570-623866/2-A

Matrix: Solid

Analysis Batch: 624263

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 623866

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	196	199.4		mg/Kg		102	80 - 120
Cadmium	196	199.0		mg/Kg		102	80 - 120
Lead	196	203.7		mg/Kg		104	80 - 120

Lab Sample ID: LCSD 570-623866/3-A

Matrix: Solid

Analysis Batch: 624263

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 623866

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Arsenic	197	198.3		mg/Kg		101	80 - 120	1	20
Cadmium	197	198.8		mg/Kg		101	80 - 120	0	20
Lead	197	202.9		mg/Kg		103	80 - 120	0	20

Lab Sample ID: 570-245837-A-1-B MS

Matrix: Solid

Analysis Batch: 624263

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 623866

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	33.2		199	214.3		mg/Kg		91	75 - 125
Cadmium	ND		199	176.7		mg/Kg		89	75 - 125
Lead	ND		199	176.8		mg/Kg		89	75 - 125

Lab Sample ID: 570-245837-A-1-C MSD

Matrix: Solid

Analysis Batch: 624263

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 623866

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Arsenic	33.2		197	220.1		mg/Kg		95	75 - 125	3	20
Cadmium	ND		197	182.9		mg/Kg		93	75 - 125	3	20
Lead	ND		197	182.2		mg/Kg		93	75 - 125	3	20

QC Association Summary

Client: Ninyo & Moore
Project/Site: LARAP Pacific Palisades & Rustic Canyons

Job ID: 570-245767-1

Metals

Prep Batch: 623866

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-245767-1	PP-4-1	Total/NA	Solid	3051A	
570-245767-5	PP-4-5N-0.5	Total/NA	Solid	3051A	
570-245767-10	PP-4-5SE-0.5	Total/NA	Solid	3051A	
570-245767-15	PP-4-5SW-0.5	Total/NA	Solid	3051A	
570-245767-20	RC-1-1	Total/NA	Solid	3051A	
570-245767-22	RC-1-5N-0.5	Total/NA	Solid	3051A	
570-245767-24	RC-1-5SE-0.5	Total/NA	Solid	3051A	
570-245767-26	RC-1-5SW-0.5	Total/NA	Solid	3051A	
570-245767-28	RC-5-1	Total/NA	Solid	3051A	
570-245767-30	RC-5-5W-0.5	Total/NA	Solid	3051A	
570-245767-32	RC-5-5NE-0.5	Total/NA	Solid	3051A	
570-245767-34	RC-5-5SE-0.5	Total/NA	Solid	3051A	
MB 570-623866/1-A	Method Blank	Total/NA	Solid	3051A	
LCS 570-623866/2-A	Lab Control Sample	Total/NA	Solid	3051A	
LCSD 570-623866/3-A	Lab Control Sample Dup	Total/NA	Solid	3051A	
570-245837-A-1-B MS	Matrix Spike	Total/NA	Solid	3051A	
570-245837-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	3051A	

Analysis Batch: 624263

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-245767-1	PP-4-1	Total/NA	Solid	6010B	623866
570-245767-5	PP-4-5N-0.5	Total/NA	Solid	6010B	623866
570-245767-10	PP-4-5SE-0.5	Total/NA	Solid	6010B	623866
570-245767-15	PP-4-5SW-0.5	Total/NA	Solid	6010B	623866
570-245767-20	RC-1-1	Total/NA	Solid	6010B	623866
570-245767-22	RC-1-5N-0.5	Total/NA	Solid	6010B	623866
570-245767-24	RC-1-5SE-0.5	Total/NA	Solid	6010B	623866
570-245767-26	RC-1-5SW-0.5	Total/NA	Solid	6010B	623866
570-245767-28	RC-5-1	Total/NA	Solid	6010B	623866
570-245767-30	RC-5-5W-0.5	Total/NA	Solid	6010B	623866
570-245767-32	RC-5-5NE-0.5	Total/NA	Solid	6010B	623866
570-245767-34	RC-5-5SE-0.5	Total/NA	Solid	6010B	623866
MB 570-623866/1-A	Method Blank	Total/NA	Solid	6010B	623866
LCS 570-623866/2-A	Lab Control Sample	Total/NA	Solid	6010B	623866
LCSD 570-623866/3-A	Lab Control Sample Dup	Total/NA	Solid	6010B	623866
570-245837-A-1-B MS	Matrix Spike	Total/NA	Solid	6010B	623866
570-245837-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	6010B	623866

Lab Chronicle

Client: Ninyo & Moore
Project/Site: LARAP Pacific Palisades & Rustic Canyons

Job ID: 570-245767-1

Client Sample ID: PP-4-1

Lab Sample ID: 570-245767-1

Date Collected: 09/08/25 13:25

Matrix: Solid

Date Received: 09/09/25 09:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3051A			0.5566 g	50 mL	623866	09/11/25 03:00	SXN8	EET CAL 4
Total/NA	Analysis	6010B		2			624263	09/11/25 10:54	P1R	EET CAL 4
Instrument ID: ICP12										

Client Sample ID: PP-4-5N-0.5

Lab Sample ID: 570-245767-5

Date Collected: 09/08/25 15:38

Matrix: Solid

Date Received: 09/09/25 09:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3051A			0.5946 g	50 mL	623866	09/11/25 03:00	SXN8	EET CAL 4
Total/NA	Analysis	6010B		2			624263	09/11/25 11:03	P1R	EET CAL 4
Instrument ID: ICP12										

Client Sample ID: PP-4-5SE-0.5

Lab Sample ID: 570-245767-10

Date Collected: 09/08/25 14:50

Matrix: Solid

Date Received: 09/09/25 09:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3051A			0.5844 g	50 mL	623866	09/11/25 03:00	SXN8	EET CAL 4
Total/NA	Analysis	6010B		2			624263	09/11/25 11:05	P1R	EET CAL 4
Instrument ID: ICP12										

Client Sample ID: PP-4-5SW-0.5

Lab Sample ID: 570-245767-15

Date Collected: 09/08/25 14:00

Matrix: Solid

Date Received: 09/09/25 09:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3051A			0.5680 g	50 mL	623866	09/11/25 03:00	SXN8	EET CAL 4
Total/NA	Analysis	6010B		2			624263	09/11/25 11:07	P1R	EET CAL 4
Instrument ID: ICP12										

Client Sample ID: RC-1-1

Lab Sample ID: 570-245767-20

Date Collected: 09/08/25 06:36

Matrix: Solid

Date Received: 09/09/25 09:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3051A			0.5453 g	50 mL	623866	09/11/25 03:00	SXN8	EET CAL 4
Total/NA	Analysis	6010B		2			624263	09/11/25 11:09	P1R	EET CAL 4
Instrument ID: ICP12										

Lab Chronicle

Client: Ninyo & Moore
Project/Site: LARAP Pacific Palisades & Rustic Canyons

Job ID: 570-245767-1

Client Sample ID: RC-1-5N-0.5

Lab Sample ID: 570-245767-22

Date Collected: 09/08/25 08:25

Matrix: Solid

Date Received: 09/09/25 09:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3051A			0.5142 g	50 mL	623866	09/11/25 03:00	SXN8	EET CAL 4
Total/NA	Analysis	6010B		2			624263	09/11/25 11:10	P1R	EET CAL 4
Instrument ID: ICP12										

Client Sample ID: RC-1-5SE-0.5

Lab Sample ID: 570-245767-24

Date Collected: 09/08/25 08:50

Matrix: Solid

Date Received: 09/09/25 09:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3051A			0.5473 g	50 mL	623866	09/11/25 03:00	SXN8	EET CAL 4
Total/NA	Analysis	6010B		2			624263	09/11/25 11:12	P1R	EET CAL 4
Instrument ID: ICP12										

Client Sample ID: RC-1-5SW-0.5

Lab Sample ID: 570-245767-26

Date Collected: 09/08/25 09:12

Matrix: Solid

Date Received: 09/09/25 09:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3051A			0.4928 g	50 mL	623866	09/11/25 03:00	SXN8	EET CAL 4
Total/NA	Analysis	6010B		2			624263	09/11/25 11:14	P1R	EET CAL 4
Instrument ID: ICP12										

Client Sample ID: RC-5-1

Lab Sample ID: 570-245767-28

Date Collected: 09/08/25 10:05

Matrix: Solid

Date Received: 09/09/25 09:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3051A			0.5013 g	50 mL	623866	09/11/25 03:00	SXN8	EET CAL 4
Total/NA	Analysis	6010B		2			624263	09/11/25 11:16	P1R	EET CAL 4
Instrument ID: ICP12										

Client Sample ID: RC-5-5W-0.5

Lab Sample ID: 570-245767-30

Date Collected: 09/08/25 10:50

Matrix: Solid

Date Received: 09/09/25 09:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3051A			0.4801 g	50 mL	623866	09/11/25 03:00	SXN8	EET CAL 4
Total/NA	Analysis	6010B		2			624263	09/11/25 11:18	P1R	EET CAL 4
Instrument ID: ICP12										

Lab Chronicle

Client: Ninyo & Moore
Project/Site: LARAP Pacific Palisades & Rustic Canyons

Job ID: 570-245767-1

Client Sample ID: RC-5-5NE-0.5

Lab Sample ID: 570-245767-32

Date Collected: 09/08/25 11:30

Matrix: Solid

Date Received: 09/09/25 09:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3051A			0.5521 g	50 mL	623866	09/11/25 03:00	SXN8	EET CAL 4
Total/NA	Analysis	6010B		2			624263	09/11/25 11:19	P1R	EET CAL 4
Instrument ID: ICP12										

Client Sample ID: RC-5-5SE-0.5

Lab Sample ID: 570-245767-34

Date Collected: 09/08/25 12:00

Matrix: Solid

Date Received: 09/09/25 09:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3051A			0.5227 g	50 mL	623866	09/11/25 03:00	SXN8	EET CAL 4
Total/NA	Analysis	6010B		2			624263	09/11/25 11:26	P1R	EET CAL 4
Instrument ID: ICP12										

Laboratory References:
EET CAL 4 = Eurofins Calscience Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494

Accreditation/Certification Summary

Client: Ninyo & Moore
Project/Site: LARAP Pacific Palisades & Rustic Canyons

Job ID: 570-245767-1

Laboratory: Eurofins Calscience

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
California	State	3082	07-31-26
Oregon	NELAP	4175	02-02-26

1
2
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14

Method Summary

Client: Ninyo & Moore

Job ID: 570-245767-1

Project/Site: LARAP Pacific Palisades & Rustic Canyons

Method	Method Description	Protocol	Laboratory
6010B	Metals (ICP)	SW846	EET CAL 4
3051A	Preparation, Metals, Microwave Assisted	SW846	EET CAL 4

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET CAL 4 = Eurofins Calscience Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494

Sample Summary

Client: Ninyo & Moore

Job ID: 570-245767-1

Project/Site: LARAP Pacific Palisades & Rustic Canyons

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
570-245767-1	PP-4-1	Solid	09/08/25 13:25	09/09/25 09:25	California
570-245767-5	PP-4-5N-0.5	Solid	09/08/25 15:38	09/09/25 09:25	California
570-245767-10	PP-4-5SE-0.5	Solid	09/08/25 14:50	09/09/25 09:25	California
570-245767-15	PP-4-5SW-0.5	Solid	09/08/25 14:00	09/09/25 09:25	California
570-245767-20	RC-1-1	Solid	09/08/25 06:36	09/09/25 09:25	California
570-245767-22	RC-1-5N-0.5	Solid	09/08/25 08:25	09/09/25 09:25	California
570-245767-24	RC-1-5SE-0.5	Solid	09/08/25 08:50	09/09/25 09:25	California
570-245767-26	RC-1-5SW-0.5	Solid	09/08/25 09:12	09/09/25 09:25	California
570-245767-28	RC-5-1	Solid	09/08/25 10:05	09/09/25 09:25	California
570-245767-30	RC-5-5W-0.5	Solid	09/08/25 10:50	09/09/25 09:25	California
570-245767-32	RC-5-5NE-0.5	Solid	09/08/25 11:30	09/09/25 09:25	California
570-245767-34	RC-5-5SE-0.5	Solid	09/08/25 12:00	09/09/25 09:25	California

Eurofins CalScience Irvine

2841 Dow Ave.
Suite 300Tustin, CA 92780-7211
phone 714.895.5494

Chain of Custody Record

Environment Testing
America

245767

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Eurofins Environment Testing America

Client Contact		Project Manager: Eduardo Chavez		Site Contact: JQS		Date: 9/8/25		COC No: 1 of 5 COCs			
Ninyo & Moore		Email: echavez@ninyoandmoore.com		Lab Contact:		Carrier:		TALS Project #:			
475 Goddard Suite 200		Tel/Fax: (949) 753-7070						Sampler:			
Irvine, CA 92618		Analysis Turnaround Time						For Lab Use Only:			
(949) 753-7070 Phone		☐ CALENDAR DAYS ☒ WORKING DAYS						Walk-in Client:			
(xxx) xxx-xxxx FAX		TAT if different from Below _____						Lab Sampling:			
Project Name: LARAP Pacific Palisades/Rustic Canyon		☒ 2 weeks						Job / SDG No.:			
Site: Pacific Palisades/Rustic Canyon 211750006		☐ 1 week									
P O #		☐ 2 days									
		☐ 1 day									
Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	Lead by 6010B	Arsenic by 6010B	Cadmium by 6010B	Sample Specific Notes:
1 PP-4-1	9/8/2025	1325	G	Soil	1			X	X		
2 PP-4-2	9/8/2025	1332	G	Soil	1						
3 PP-4-3	9/8/2025	1337	G	Soil	1						
4 PP-4-4	9/8/2025	1343	G	Soil	1						
5 PP-4-5N-0.5	9/8/2025	1538	G	Soil	1			X	X		
6 PP-4-5N-1	9/8/2025	1546	G	Soil	1						
7 PP-4-5N-2	9/8/2025	1552	G	Soil	1						
8 PP-4-5N-3	9/8/2025	1558	G	Soil	1						
9 PP-4-5N-4	9/8/2025	1604	G	Soil	1						
10 PP-4-5SE-0.5	9/8/2025	1450	G	Soil	1			X	X		
11 PP-4-5SE-1	9/8/2025	1455	G	Soil	1						
12 PP-4-5SE-2	9/8/2025	1500	G	Soil	1						
13 PP-4-5SE-3	9/8/2025	1508	G	Soil	1						
Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other											
Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.						Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)					
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown						☐ Return to Client ☒ Disposal by Lab ☐ Archive for _____ Months					
Special Instructions/QC Requirements & Comments: Please also email results to irvtech-results@ninyoandmoore.com											
Custody Seals Intact: ☐ Yes ☐ No		Custody Seal No.:		Cooler Temp. (°C): Obs'd: _____		Corr'd: _____		Therm ID No.:			
Relinquished by: <i>[Signature]</i>		Company: <i>Ninyo & Moore</i>		Date/Time: <i>9/8/25 1852</i>		Received by: <i>[Signature]</i>		Company: <i>EC</i>		Date/Time: <i>9/8/25 1852</i>	
Relinquished by: <i>[Signature]</i>		Company: <i>EC</i>		Date/Time: <i>9/8/25 1900</i>		Received by: <i>[Signature]</i>		Company: <i>Schulking</i>		Date/Time: <i>9/8/25 7:10pm</i>	
Relinquished by: <i>[Signature]</i>		Company: <i>[Signature]</i>		Date/Time: <i>9/9/25</i>		Received in Laboratory by: <i>[Signature]</i>		Company: <i>[Signature]</i>		Date/Time: <i>9/9/25 0925</i>	

Eurofins CalScience Irvine

2841 Dow Ave.

Suite 300

Tustin, CA 92780-7211

phone 714.895.5494

Chain of Custody Record

Environment Testing
America

245

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Eurofins Environment Testing America

Client Contact		Project Manager: Eduardo Chavez		Site Contact: JQS		Date: 9/8/25		COC No:				
Ninyo & Moore		Email: echavez@ninyoandmoore.com		Lab Contact:		Carrier:		2 of 5 COCs				
475 Goddard Suite 200		Analysis Turnaround Time						TALS Project #:				
Irvine, CA 92618		☐ CALENDAR DAYS ☒ WORKING DAYS						Sampler:				
(949) 753-7070 Phone		TAT if different from Below _____						For Lab Use Only:				
(xxx) xxx-xxxx FAX		☒ 2 weeks						Walk-in Client:				
Project Name: LARAP Pacific Palisades/Rustic Canyon		☐ 1 week						Lab Sampling:				
Site: Pacific Palisades/Rustic Canyon 211750006		☐ 2 days						Job / SDG No.:				
P O #		☐ 1 day										
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS/MSD (Y/N)	Lead by 6010B	Arsenic by 6010B	Cadmium by 6010B	Sample Specific Notes:
14	PP-4-5SE-4	9/8/2025	1520	G	Soil	1						
15	PP-4-5SW-0.5	9/8/2025	1400	G	Soil	1			X	X		
16	PP-4-5SW-1	9/8/2025	1408	G	Soil	1					X	
17	PP-4-5SW-2	9/8/2025	1413	G	Soil	1					X	
18	PP-4-5SW-3	9/8/2025	1427	G	Soil	1					X	
19	PP-4-5SW-4	9/8/2025	1437	G	Soil	1					X	
20	RC-1-1	9/8/2025	0636	G	Soil	1				X		
21	RC-1-2	9/8/2025	0810	G	Soil	1					X	
22	RC-1-3	9/8/2025		G	Soil	1						JQS
23	RC-1-4	9/8/2025		G	Soil	1						JQS
24	RC-1-5N-0.5	9/8/2025	0825	G	Soil	1			X			
25	RC-1-5N-1	9/8/2025	0825	G	Soil	1				X		
26	RC-1-5N-2	9/8/2025		G	Soil	1						JQS
Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4= HNO3; 5= NaOH; 6= Other												
Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.							Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)					
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown							☐ Return to Client ☒ Disposal by Lab ☐ Archive for _____ Months					
Special Instructions/QC Requirements & Comments: Please also email results to irvtech-results@ninyoandmoore.com												
Custody Seals Intact: ☐ Yes ☐ No		Custody Seal No.:		Cooler Temp. (°C): Obs'd:		Corr'd:		Therm ID No.:				
Relinquished by: [Signature]		Company: Ninyo & Moore		Date/Time: 9/8/25 18:52		Received by: [Signature]		Company: [Signature]		Date/Time: 9/8/25 18:52		
Relinquished by: [Signature]		Company: [Signature]		Date/Time: 9/8/25 19:05		Received by: [Signature]		Company: [Signature]		Date/Time: 9/8/25 7:00		
Relinquished by: [Signature]		Company: [Signature]		Date/Time: 9/9/25		Received in Laboratory by: [Signature]		Company: [Signature]		Date/Time: 9/8/25 0925 PM		

Eurofins CalScience Irvine

2841 Dow Ave.
Suite 300
Tustin, CA 92780-7211
phone 714.896.5494

Chain of Custody Record

Environment Testing
America

Eurofins Environment Testing America

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Project Manager: Eduardo Chavez

COC No:

2 of 5 COCs

Client Contact

Email: echavez@ninyoandmoore.com

Site Contact: JQS

Date: 9/8/25

Ninyo & Moore
475 Goddard Suite 200
Irvine, CA 92618
(949) 753-7070 Phone
(xxx) xxx-xxxx FAX
Project Name: LARAP Pacific Palisades/Rustic Canyon
Site: Pacific Palisades/Rustic Canyon 211750006
P O #

Tel/Fax: (949) 753-7070

Lab Contact:

Carrier:

Analysis Turnaround Time

☐ CALENDAR DAYS ☒ WORKING DAYS

TAT if different from Below

☒ 2 weeks
☐ 1 week
☐ 2 days
☐ 1 day

Filtered Sample (Y/N)

Lead by 6010B

Arsenic by 6010B

Cadmium by 6010B

HOLD



004219654

TALS Project #:

Sampler:

For Lab Use Only:

Walk-in Client:

Lab Sampling:

Job / SDG No.:

Sample Specific Notes:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Lead by 6010B	Arsenic by 6010B	Cadmium by 6010B	Sample Specific Notes
RC-1-5N-3	9/8/2025		G	Soil	1					JQS
RC-1-5N-4	9/8/2025		G	Soil	1					JQS
RC-1-5SE-0.5	9/8/2025	0850	G	Soil	1			X		
RC-1-5SE-1	9/8/2025	0900	G	Soil	1			X		
RC-1-5SE-2	9/8/2025		G	Soil	1					JQS
RC-1-5SE-3	9/8/2025		G	Soil	1					JQS
RC-1-5SE-4	9/8/2025		G	Soil	1					JQS
RC-1-5SW-0.5	9/8/2025	0912	G	Soil	1			X		
RC-1-5SW-1	9/8/2025	0920	G	Soil	1			X		
RC-1-5SW-2	9/8/2025		G	Soil	1					JQS
RC-1-5SW-3	9/8/2025		G	Soil	1					JQS
RC-1-5SW-4	9/8/2025		G	Soil	1					JQS
RC-5-1	9/8/2025	1005	G	Soil	1			X		

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other

Possible Hazard Identification:

Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☒ Disposal by Lab ☐ Archive for Months

Special Instructions/QC Requirements & Comments:

Please also email results to irvtech-results@ninyoandmoore.com

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:	Cooler Temp. (°C): Obs'd: Corr'd:	Therm ID No.:
Relinquished by: [Signature]	Company: Ninyo & Moore	Date/Time: 9/8/25 1852	Received by: [Signature]
Relinquished by: [Signature]	Company: [Signature]	Date/Time: 9/8/25 1929	Received by: [Signature]
Relinquished by: [Signature]	Company: [Signature]	Date/Time: 9/9/25	Received in Laboratory by: [Signature]

Eurofins CalScience Irvine

2841 Dow Ave.
Suite 300
Tustin, CA 92780-7211
phone 714.895.5494

Chain of Custody Record

Environment Testing
America

245767

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Eurofins Environment Testing America

Client Contact		Project Manager: Eduardo Chavez		Site Contact: JQS		Date: 9/8/25		COC No:				
Ninyo & Moore		Email: echavez@ninyoandmoore.com		Lab Contact:		Carrier:		4 of 5 COCs				
475 Goddard Suite 200		Tel/Fax: (949) 753-7070						TALS Project #:				
Irvine, CA 92618		Analysis Turnaround Time						Sampler:				
(949) 753-7070 Phone		☐ CALENDAR DAYS ☒ WORKING DAYS						For Lab Use Only:				
(xxx) xxx-xxxx FAX		TAT if different from Below						Walk-in Client:				
Project Name: LARAP Pacific Palisades/Rustic Canyon		☒ 2 weeks						Lab Sampling:				
Site: Pacific Palisades/Rustic Canyon 211750006		☐ 1 week										
P O #		☐ 2 days						Job / SDG No.:				
		☐ 1 day										
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	Lead by 6010B	Arsenic by 6010B	Cadmium by 6010B	Sample Specific Notes:
29	RC-5-2	9/8/2025	1032	G	Soil	1						
	RC-5-3	9/8/2025		G	Soil	1						yes
	RC-5-4	9/8/2025		G	Soil	1						yes
30	RC-5-5W-0.5	9/8/2025	1050	G	Soil	1			X			
31	RC-5-5W-1	9/8/2025	1105	G	Soil	1					X	
	RC-5-5W-2	9/8/2025		G	Soil	1						yes
	RC-5-5W-3	9/8/2025		G	Soil	1						yes
	RC-5-5W-4	9/8/2025		G	Soil	1						yes
32	RC-5-5NE-0.5	9/8/2025	1130	G	Soil	1			X			
33	RC-5-5NE-1	9/8/2025	1135	G	Soil	1					X	
	RC-5-5NE-2	9/8/2025		G	Soil	1						yes
	RC-5-5NE-3	9/8/2025		G	Soil	1						yes
	RC-5-5NE-4	9/8/2025		G	Soil	1						yes
Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other												
Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.							Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)					
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown							☐ Return to Client ☒ Disposal by Lab ☐ Archive for _____ Months					
Special Instructions/QC Requirements & Comments: Please also email results to irvtech-results@ninyoandmoore.com												
Custody Seals Intact: ☐ Yes ☐ No		Custody Seal No.:		Cooler Temp. (°C): Obs'd: _____		Corr'd: _____		Therm ID No.: _____				
Relinquished by:		Company: Ninyo & Moore		Date/Time: 9/8/25 18:52		Received by:		Company: FC		Date/Time: 9/8/25 18:52		
Relinquished by:		Company: John King		Date/Time: 9/8/25 18:52		Received by:		Company: John King		Date/Time: 9/8/25 7:10pm		
Relinquished by:		Company: John King		Date/Time: 9/9/25		Received in Laboratory by:		Company: John King		Date/Time: 9/9/25 09:25		

Login Sample Receipt Checklist

Client: Ninyo & Moore

Job Number: 570-245767-1

Login Number: 245767

List Source: Eurofins Calscience

List Number: 1

Creator: Ablian, Samantha

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

ANALYTICAL REPORT

PREPARED FOR

Attn: Jeff Aguilar
Ninyo & Moore
475 Goddard St. Suite 200
Irvine, California 92618

Generated 9/19/2025 10:17:27 PM

JOB DESCRIPTION

LARAP Pacific Palisades & Rustic Canyons

JOB NUMBER

570-245767-2

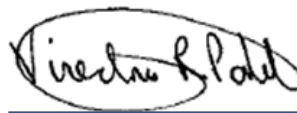
Eurofins Calscience

Job Notes

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The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Calscience Project Manager.

Authorization



Authorized for release by
Virendra Patel, Project Manager I
Virendra.Patel@et.eurofinsus.com
(714)895-5494

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Definitions/Glossary

Client: Ninyo & Moore

Job ID: 570-245767-2

Project/Site: LARAP Pacific Palisades & Rustic Canyons

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Ninyo & Moore
Project: LARAP Pacific Palisades & Rustic Canyons

Job ID: 570-245767-2

Job ID: 570-245767-2

Eurofins Calscience

Job Narrative 570-245767-2

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt

The samples were received on 9/9/2025 9:25 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 5.4°C.

Metals

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Eurofins Calscience

Detection Summary

Client: Ninyo & Moore

Job ID: 570-245767-2

Project/Site: LARAP Pacific Palisades & Rustic Canyons

Client Sample ID: RC-1-5N-1

Lab Sample ID: 570-245767-23

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cadmium	1.60		0.359		mg/Kg	2		6010B	Total/NA

Client Sample ID: RC-1-5SE-1

Lab Sample ID: 570-245767-25

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	10.9		3.06		mg/Kg	2		6010B	Total/NA
Cadmium	2.14		0.407		mg/Kg	2		6010B	Total/NA

Client Sample ID: RC-1-5SW-1

Lab Sample ID: 570-245767-27

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cadmium	0.880		0.352		mg/Kg	2		6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Calscience

Client Sample Results

Client: Ninyo & Moore
Project/Site: LARAP Pacific Palisades & Rustic Canyons

Job ID: 570-245767-2

Method: SW846 6010B - Metals (ICP)

Client Sample ID: RC-1-5N-1
Date Collected: 09/08/25 08:35
Date Received: 09/09/25 09:25

Lab Sample ID: 570-245767-23
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	1.60		0.359		mg/Kg		09/19/25 00:40	09/19/25 19:49	2

Client Sample ID: RC-1-5SE-1
Date Collected: 09/08/25 09:00
Date Received: 09/09/25 09:25

Lab Sample ID: 570-245767-25
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	10.9		3.06		mg/Kg		09/19/25 00:40	09/19/25 19:54	2
Cadmium	2.14		0.407		mg/Kg		09/19/25 00:40	09/19/25 19:54	2

Client Sample ID: RC-1-5SW-1
Date Collected: 09/08/25 09:20
Date Received: 09/09/25 09:25

Lab Sample ID: 570-245767-27
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	0.880		0.352		mg/Kg		09/19/25 00:40	09/19/25 19:56	2

QC Sample Results

Client: Ninyo & Moore
Project/Site: LARAP Pacific Palisades & Rustic Canyons

Job ID: 570-245767-2

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 570-627781/1-A

Matrix: Solid

Analysis Batch: 628320

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 627781

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		3.13		mg/Kg		09/19/25 00:40	09/19/25 19:15	2
Cadmium	ND		0.418		mg/Kg		09/19/25 00:40	09/19/25 19:15	2

Lab Sample ID: LCS 570-627781/2-A

Matrix: Solid

Analysis Batch: 628320

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 627781

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	198	179.5		mg/Kg		91	80 - 120
Cadmium	198	179.7		mg/Kg		91	80 - 120

Lab Sample ID: LCSD 570-627781/3-A

Matrix: Solid

Analysis Batch: 628320

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 627781

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Arsenic	196	181.6		mg/Kg		93	80 - 120	1	20
Cadmium	196	181.3		mg/Kg		93	80 - 120	1	20

Lab Sample ID: 570-246967-A-1-B MS

Matrix: Solid

Analysis Batch: 628320

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 627781

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	7.17		205	195.8		mg/Kg		92	75 - 125
Cadmium	ND		205	185.7		mg/Kg		90	75 - 125

Lab Sample ID: 570-246967-A-1-C MSD

Matrix: Solid

Analysis Batch: 628320

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 627781

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Arsenic	7.17		208	196.9		mg/Kg		91	75 - 125	1	20
Cadmium	ND		208	185.8		mg/Kg		89	75 - 125	0	20

QC Association Summary

Client: Ninyo & Moore
Project/Site: LARAP Pacific Palisades & Rustic Canyons

Job ID: 570-245767-2

Metals

Prep Batch: 627781

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-245767-23	RC-1-5N-1	Total/NA	Solid	3051A	
570-245767-25	RC-1-5SE-1	Total/NA	Solid	3051A	
570-245767-27	RC-1-5SW-1	Total/NA	Solid	3051A	
MB 570-627781/1-A	Method Blank	Total/NA	Solid	3051A	
LCS 570-627781/2-A	Lab Control Sample	Total/NA	Solid	3051A	
LCSD 570-627781/3-A	Lab Control Sample Dup	Total/NA	Solid	3051A	
570-246967-A-1-B MS	Matrix Spike	Total/NA	Solid	3051A	
570-246967-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	3051A	

Analysis Batch: 628320

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-245767-23	RC-1-5N-1	Total/NA	Solid	6010B	627781
570-245767-25	RC-1-5SE-1	Total/NA	Solid	6010B	627781
570-245767-27	RC-1-5SW-1	Total/NA	Solid	6010B	627781
MB 570-627781/1-A	Method Blank	Total/NA	Solid	6010B	627781
LCS 570-627781/2-A	Lab Control Sample	Total/NA	Solid	6010B	627781
LCSD 570-627781/3-A	Lab Control Sample Dup	Total/NA	Solid	6010B	627781
570-246967-A-1-B MS	Matrix Spike	Total/NA	Solid	6010B	627781
570-246967-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	6010B	627781

Lab Chronicle

Client: Ninyo & Moore
Project/Site: LARAP Pacific Palisades & Rustic Canyons

Job ID: 570-245767-2

Client Sample ID: RC-1-5N-1

Lab Sample ID: 570-245767-23

Date Collected: 09/08/25 08:35

Matrix: Solid

Date Received: 09/09/25 09:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3051A			0.5565 g	50 mL	627781	09/19/25 00:40	M2KZ	EET CAL 4
Total/NA	Analysis	6010B		2			628320	09/19/25 19:49	UFLE	EET CAL 4
Instrument ID: ICP12										

Client Sample ID: RC-1-5SE-1

Lab Sample ID: 570-245767-25

Date Collected: 09/08/25 09:00

Matrix: Solid

Date Received: 09/09/25 09:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3051A			0.4908 g	50 mL	627781	09/19/25 00:40	M2KZ	EET CAL 4
Total/NA	Analysis	6010B		2			628320	09/19/25 19:54	UFLE	EET CAL 4
Instrument ID: ICP12										

Client Sample ID: RC-1-5SW-1

Lab Sample ID: 570-245767-27

Date Collected: 09/08/25 09:20

Matrix: Solid

Date Received: 09/09/25 09:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3051A			0.5684 g	50 mL	627781	09/19/25 00:40	M2KZ	EET CAL 4
Total/NA	Analysis	6010B		2			628320	09/19/25 19:56	UFLE	EET CAL 4
Instrument ID: ICP12										

Laboratory References:

EET CAL 4 = Eurofins Calscience Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494

Accreditation/Certification Summary

Client: Ninyo & Moore
Project/Site: LARAP Pacific Palisades & Rustic Canyons

Job ID: 570-245767-2

Laboratory: Eurofins Calscience

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
California	State	3082	07-31-26
Oregon	NELAP	4175	02-02-26

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Method Summary

Client: Ninyo & Moore

Job ID: 570-245767-2

Project/Site: LARAP Pacific Palisades & Rustic Canyons

Method	Method Description	Protocol	Laboratory
6010B	Metals (ICP)	SW846	EET CAL 4
3051A	Preparation, Metals, Microwave Assisted	SW846	EET CAL 4

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET CAL 4 = Eurofins Calscience Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494

Sample Summary

Client: Ninyo & Moore

Project/Site: LARAP Pacific Palisades & Rustic Canyons

Job ID: 570-245767-2

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
570-245767-23	RC-1-5N-1	Solid	09/08/25 08:35	09/09/25 09:25	California
570-245767-25	RC-1-5SE-1	Solid	09/08/25 09:00	09/09/25 09:25	California
570-245767-27	RC-1-5SW-1	Solid	09/08/25 09:20	09/09/25 09:25	California

- 1
- 2
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- 10
- 11
- 12
- 13
- 14

Virendra Patel

From: Jonathan Sachrison <jsachrison@ninyoandmoore.com>
Sent: Thursday, September 18, 2025 9:54 AM
To: Virendra Patel
Cc: Eduardo Chavez
Subject: FW: Eurofins Calscience report and EDD deliverables for job 570-245767-1 LARAP Pacific Palisades & Rustic Canyons
Attachments: J245767-1 UDS Level 2 Report Final Report.pdf

Unverified Sender: The sender of this email has not been verified. Review the content of the message carefully and verify the identity of the sender before acting on this email: replying, opening attachments or clicking links.

Hi Virendra,

See below. Thank you.

Regards,

Jonathan Sachrison
Staff Environmental Scientist
T.: + 1 949 753 7070 x 12236 | M.: + 1 949 306 2612
jsachrison@ninyoandmoore.com

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From: Jonathan Sachrison <jsachrison@ninyoandmoore.com>
Sent: Thursday, September 18, 2025 9:52 AM
To: TALS@reports.et.eurofinsus.com
Cc: Eduardo Chavez <echavez@ninyoandmoore.com>; Jeff Aguilar, PG <jaguilar@ninyoandmoore.com>
Subject: Eurofins Calscience report and EDD deliverables for job 570-245767-1 LARAP Pacific Palisades & Rustic Canyons

Hi Virendra,

May you run the following samples that were submitted on hold for the following analyses?

- RC-1-5N-1 for Cadmium by EPA 6010B
- RC-1-5SE-1 for Cadmium by EPA 6010B
- RC-1-5SW-1 for Cadmium by EPA 6010B
- RC-5-5SE-1 for Arsenic by EPA 6010B

Thank you,

Jonathan Sachrison

Staff Environmental Scientist

T.: + 1 949 753 7070 x 12236 | M.: + 1 949 306 2612

jsachrison@ninyoandmoore.com

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Eurofins CalScience Irvine

2841 Dow Ave.
Suite 300Tustin, CA 92780-7211
phone 714.895.5494

Chain of Custody Record

Environment Testing
America

245767

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Eurofins Environment Testing America

Client Contact		Project Manager: Eduardo Chavez		Site Contact: JQS		Date: 9/8/25		COC No: 1 of 5 COCs			
Ninyo & Moore		Email: echavez@ninyoandmoore.com		Lab Contact:		Carrier:		TALS Project #:			
475 Goddard Suite 200		Tel/Fax: (949) 753-7070						Sampler:			
Irvine, CA 92618		Analysis Turnaround Time						For Lab Use Only:			
(949) 753-7070 Phone		☐ CALENDAR DAYS ☒ WORKING DAYS						Walk-in Client:			
(xxx) xxx-xxxx FAX		TAT if different from Below _____						Lab Sampling:			
Project Name: LARAP Pacific Palisades/Rustic Canyon		☒ 2 weeks						Job / SDG No.:			
Site: Pacific Palisades/Rustic Canyon 211750006		☐ 1 week									
P O #		☐ 2 days									
		☐ 1 day									
Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	Lead by 6010B	Arsenic by 6010B	Cadmium by 6010B	Sample Specific Notes:
1 PP-4-1	9/8/2025	1325	G	Soil	1			X	X		
2 PP-4-2	9/8/2025	1332	G	Soil	1						
3 PP-4-3	9/8/2025	1337	G	Soil	1						
4 PP-4-4	9/8/2025	1343	G	Soil	1						
5 PP-4-5N-0.5	9/8/2025	1538	G	Soil	1			X	X		
6 PP-4-5N-1	9/8/2025	1546	G	Soil	1						
7 PP-4-5N-2	9/8/2025	1552	G	Soil	1						
8 PP-4-5N-3	9/8/2025	1558	G	Soil	1						
9 PP-4-5N-4	9/8/2025	1604	G	Soil	1						
10 PP-4-5SE-0.5	9/8/2025	1450	G	Soil	1			X	X		
11 PP-4-5SE-1	9/8/2025	1455	G	Soil	1						
12 PP-4-5SE-2	9/8/2025	1500	G	Soil	1						
13 PP-4-5SE-3	9/8/2025	1508	G	Soil	1						
Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other											
Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.						Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)					
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown						☐ Return to Client ☒ Disposal by Lab ☐ Archive for _____ Months					
Special Instructions/QC Requirements & Comments: Please also email results to irvtech-results@ninyoandmoore.com											
Custody Seals Intact: ☐ Yes ☐ No		Custody Seal No.:		Cooler Temp. (°C): Obs'd: _____		Corr'd: _____		Therm ID No.:			
Relinquished by: <i>[Signature]</i>		Company: <i>Ninyo & Moore</i>		Date/Time: <i>9/8/25 1852</i>		Received by: <i>[Signature]</i>		Company: <i>EC</i>		Date/Time: <i>9/8/25 1852</i>	
Relinquished by: <i>[Signature]</i>		Company: <i>EC</i>		Date/Time: <i>9/8/25 1900</i>		Received by: <i>[Signature]</i>		Company: <i>Sohnkang</i>		Date/Time: <i>9/8/25 7:10pm</i>	
Relinquished by: <i>[Signature]</i>		Company: <i>[Signature]</i>		Date/Time: <i>9/8/25</i>		Received in Laboratory by: <i>[Signature]</i>		Company: <i>[Signature]</i>		Date/Time: <i>9/9/25 0925</i>	

Eurofins CalScience Irvine

2841 Dow Ave.

Suite 300

Tustin, CA 92780-7211

phone 714.895.5494

Chain of Custody Record

Environment Testing
America

2457

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Eurofins Environment Testing America

Client Contact		Project Manager: Eduardo Chavez		Site Contact: JQS		Date: 9/8/25		COC No:				
Ninyo & Moore		Email: echavez@ninyoandmoore.com		Lab Contact:		Carrier:		2 of 5 COCs				
475 Goddard Suite 200		Analysis Turnaround Time						TALS Project #:				
Irvine, CA 92618		☐ CALENDAR DAYS ☒ WORKING DAYS						Sampler:				
(949) 753-7070 Phone		TAT if different from Below _____						For Lab Use Only:				
(xxx) xxx-xxxx FAX		☒ 2 weeks						Walk-in Client:				
Project Name: LARAP Pacific Palisades/Rustic Canyon		☐ 1 week						Lab Sampling:				
Site: Pacific Palisades/Rustic Canyon 211750006		☐ 2 days						Job / SDG No.:				
P O #		☐ 1 day										
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS/MSD (Y/N)	Lead by 6010B	Arsenic by 6010B	Cadmium by 6010B	Sample Specific Notes:
14	PP-4-5SE-4	9/8/2025	1520	G	Soil	1						
15	PP-4-5SW-0.5	9/8/2025	1400	G	Soil	1			X	X		
16	PP-4-5SW-1	9/8/2025	1408	G	Soil	1					X	
17	PP-4-5SW-2	9/8/2025	1413	G	Soil	1					X	
18	PP-4-5SW-3	9/8/2025	1427	G	Soil	1					X	
19	PP-4-5SW-4	9/8/2025	1437	G	Soil	1					X	
20	RC-1-1	9/8/2025	0636	G	Soil	1					X	
21	RC-1-2	9/8/2025	0810	G	Soil	1					X	
22	RC-1-3	9/8/2025		G	Soil	1						JQS
23	RC-1-4	9/8/2025		G	Soil	1						JQS
24	RC-1-5N-0.5	9/8/2025	0825	G	Soil	1				X		
25	RC-1-5N-1	9/8/2025	0825	G	Soil	1				X		
26	RC-1-5N-2	9/8/2025		G	Soil	1						JQS
Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____												
Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.							Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)					
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown							☐ Return to Client ☒ Disposal by Lab ☐ Archive for _____ Months					
Special Instructions/QC Requirements & Comments: Please also email results to irvtech-results@ninyoandmoore.com												
Custody Seals Intact: ☐ Yes ☐ No		Custody Seal No.:		Cooler Temp. (°C): Obs'd:		Corr'd:		Therm ID No.:				
Relinquished by:		Company: Ninyo & Moore		Date/Time: 9/8/25 18:52		Received by:		Company: RE		Date/Time: 9/8/25 18:52		
Relinquished by:		Company: RE		Date/Time: 9/8/25 19:05		Received by:		Company: Sohn/Kang		Date/Time: 9/8/25 7:00		
Relinquished by:		Company: Sohn/Kang		Date/Time: 9/8/25		Received in Laboratory by:		Company: a		Date/Time: 9/8/25 0925 PM		

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phone 714.895.5494

Chain of Custody Record

Environment Testing
America

Eurofins Environment Testing America

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Project Manager: Eduardo Chavez

COC No:

2 of 5 COCs

Client Contact

Email: echavez@ninyoandmoore.com

Site Contact: JQS

Date: 9/8/25

Ninyo & Moore
475 Goddard Suite 200
Irvine, CA 92618
(949) 753-7070 Phone
(xxx) xxx-xxxx FAX
Project Name: LARAP Pacific Palisades/Rustic Canyon
Site: Pacific Palisades/Rustic Canyon 211750006
P O #

Tel/Fax: (949) 753-7070

Lab Contact:

Carrier:

Analysis Turnaround Time

☐ CALENDAR DAYS ☒ WORKING DAYS

TAT if different from Below

☒ 2 weeks
☐ 1 week
☐ 2 days
☐ 1 day

Filtered Sample (Y/N)

Lead by 6010B

Arsenic by 6010B

Cadmium by 6010B

HOLD



004219654

Sampler:

For Lab Use Only:

Walk-in Client:

Lab Sampling:

Job / SDG No.:

Sample Specific Notes:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Lead by 6010B	Arsenic by 6010B	Cadmium by 6010B	Sample Specific Notes
RC-1-5N-3	9/8/2025		G	Soil	1					JQS
RC-1-5N-4	9/8/2025		G	Soil	1					JQS
RC-1-5SE-0.5	9/8/2025	0850	G	Soil	1			X		
RC-1-5SE-1	9/8/2025	0900	G	Soil	1			X		
RC-1-5SE-2	9/8/2025		G	Soil	1					JQS
RC-1-5SE-3	9/8/2025		G	Soil	1					JQS
RC-1-5SE-4	9/8/2025		G	Soil	1					JQS
RC-1-5SW-0.5	9/8/2025	0912	G	Soil	1			X		
RC-1-5SW-1	9/8/2025	0920	G	Soil	1			X		
RC-1-5SW-2	9/8/2025		G	Soil	1					JQS
RC-1-5SW-3	9/8/2025		G	Soil	1					JQS
RC-1-5SW-4	9/8/2025		G	Soil	1					JQS
RC-5-1	9/8/2025	1005	G	Soil	1			X		

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other

Possible Hazard Identification:

Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☒ Disposal by Lab ☐ Archive for Months

Special Instructions/QC Requirements & Comments:

Please also email results to irvtech-results@ninyoandmoore.com

Custody Seals Intact: ☐ Yes ☐ No

Custody Seal No.:

Cooler Temp. (°C): Obs'd: Corr'd: Therm ID No.:

Relinquished by:	Company: Ninyo & Moore	Date/Time: 9/8/25 1852	Received by:	Company: RC	Date/Time: 9/8/25 1852
Relinquished by:	Company: RC	Date/Time: 9/8/25 1929	Received by:	Company: RC	Date/Time: 9/8/25 1929
Relinquished by:	Company:	Date/Time: 9/9/25	Received in Laboratory by:	Company:	Date/Time: 7:10

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Chain of Custody Record

Environment Testing
America

245767

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Eurofins Environment Testing America

Client Contact		Project Manager: Eduardo Chavez		Site Contact: JQS		Date: 9/8/25		COC No:	
Ninyo & Moore		Email: echavez@ninyoandmoore.com		Lab Contact:		Carrier:		4 of 5 COCs	
475 Goddard Suite 200		Tel/Fax: (949) 753-7070		Analysis Turnaround Time		Barcode: 004219654		TALS Project #:	
Irvine, CA 92618		☐ CALENDAR DAYS ☒ WORKING DAYS		TAT if different from Below				Sampler:	
(949) 753-7070 Phone		☒ 2 weeks		2 weeks				For Lab Use Only:	
(xxx) xxx-xxxx FAX		☐ 1 week		1 week				Walk-in Client:	
Project Name: LARAP Pacific Palisades/Rustic Canyon		☐ 2 days		2 days				Lab Sampling:	
Site: Pacific Palisades/Rustic Canyon 211750006		☐ 1 day		1 day				Job / SDG No.:	
P O #									

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	Lead by 6010B	Arsenic by 6010B	Cadmium by 6010B	Sample Specific Notes
29 RC-5-2	9/8/2025	1032	G	Soil	1					X	
RC-5-3	9/8/2025		G	Soil	1						yes
RC-5-4	9/8/2025		G	Soil	1						yes
30 RC-5-5W-0.5	9/8/2025	1050	G	Soil	1			X			
31 RC-5-5W-1	9/8/2025	1105	G	Soil	1					X	
RC-5-5W-2	9/8/2025		G	Soil	1						yes
RC-5-5W-3	9/8/2025		G	Soil	1						yes
RC-5-5W-4	9/8/2025		G	Soil	1						yes
32 RC-5-5NE-0.5	9/8/2025	1130	G	Soil	1			X			
33 RC-5-5NE-1	9/8/2025	1135	G	Soil	1					X	
RC-5-5NE-2	9/8/2025		G	Soil	1						yes
RC-5-5NE-3	9/8/2025		G	Soil	1						yes
RC-5-5NE-4	9/8/2025		G	Soil	1						yes

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return to Client ☒ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments:
Please also email results to irvtech-results@ninyoandmoore.com

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:	Cooler Temp. (°C): Obs'd: _____	Corr'd: _____	Therm ID No.:
Relinquished by: <i>[Signature]</i>	Company: Ninyo & Moore	Date/Time: 9/8/25 18:52	Received by: <i>[Signature]</i>	Company: FC
Relinquished by: <i>[Signature]</i>	Company: <i>[Signature]</i>	Date/Time: 9/8/25 18:52	Received by: <i>[Signature]</i>	Company: <i>[Signature]</i>
Relinquished by: <i>[Signature]</i>	Company: <i>[Signature]</i>	Date/Time: 9/9/25	Received in Laboratory by: <i>[Signature]</i>	Company: <i>[Signature]</i>

Login Sample Receipt Checklist

Client: Ninyo & Moore

Job Number: 570-245767-2

Login Number: 245767

List Source: Eurofins Calscience

List Number: 1

Creator: Ablian, Samantha

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

Eurofins Calscience

ANALYTICAL REPORT

PREPARED FOR

Attn: Jeff Aguilar
Ninyo & Moore
475 Goddard St. Suite 200
Irvine, California 92618

Generated 10/3/2025 4:42:41 PM

JOB DESCRIPTION

LARAP Pacific Palisades & Rustic Canyons

JOB NUMBER

570-245767-3

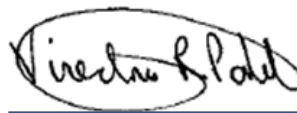
Eurofins Calscience

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Calscience Project Manager.

Authorization



Authorized for release by
Virendra Patel, Project Manager I
Virendra.Patel@et.eurofinsus.com
(714)895-5494

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10/3/2025 4:42:41 PM

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Definitions/Glossary

Client: Ninyo & Moore

Job ID: 570-245767-3

Project/Site: LARAP Pacific Palisades & Rustic Canyons

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Ninyo & Moore
Project: LARAP Pacific Palisades & Rustic Canyons

Job ID: 570-245767-3

Job ID: 570-245767-3

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Job Narrative 570-245767-3

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt

The samples were received on 9/9/2025 9:25 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 5.4°C.

Metals

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

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- 1
- 2
- 3
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- 11
- 12
- 13
- 14

Job ID: 570-245767-3

Client Sample ID: RC-5-5SE-1

Lab Sample ID: 570-245767-35

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	8.87		2.89		mg/Kg	2		6010B	Total/NA

10/3/2025

Client Sample Results

Client: Ninyo & Moore

Project/Site: LARAP Pacific Palisades & Rustic Canyons

Job ID: 570-245767-3

Method: SW846 6010B - Metals (ICP)

Client Sample ID: RC-5-5SE-1					Lab Sample ID: 570-245767-35				
Date Collected: 09/08/25 12:10					Matrix: Solid				
Date Received: 09/09/25 09:25									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	8.87		2.89		mg/Kg		10/02/25 11:54	10/03/25 01:25	2

QC Sample Results

Client: Ninyo & Moore
Project/Site: LARAP Pacific Palisades & Rustic Canyons

Job ID: 570-245767-3

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 570-634604/1-A

Matrix: Solid

Analysis Batch: 635127

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 634604

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		2.91		mg/Kg		10/02/25 11:54	10/03/25 00:16	2

Lab Sample ID: LCS 570-634604/2-A

Matrix: Solid

Analysis Batch: 635127

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 634604

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	191	192.2		mg/Kg		101	80 - 120

Lab Sample ID: LCSD 570-634604/3-A

Matrix: Solid

Analysis Batch: 635127

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 634604

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Arsenic	194	193.8		mg/Kg		100	80 - 120	1	20

Lab Sample ID: 570-248481-A-1-B MS

Matrix: Solid

Analysis Batch: 635127

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 634604

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	5.51		197	191.3		mg/Kg		94	75 - 125

Lab Sample ID: 570-248481-A-1-C MSD

Matrix: Solid

Analysis Batch: 635127

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 634604

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Arsenic	5.51		197	192.8		mg/Kg		95	75 - 125	1	20

QC Association Summary

Client: Ninyo & Moore

Job ID: 570-245767-3

Project/Site: LARAP Pacific Palisades & Rustic Canyons

Metals

Prep Batch: 634604

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-245767-35	RC-5-5SE-1	Total/NA	Solid	3051A	
MB 570-634604/1-A	Method Blank	Total/NA	Solid	3051A	
LCS 570-634604/2-A	Lab Control Sample	Total/NA	Solid	3051A	
LCSD 570-634604/3-A	Lab Control Sample Dup	Total/NA	Solid	3051A	
570-248481-A-1-B MS	Matrix Spike	Total/NA	Solid	3051A	
570-248481-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	3051A	

Analysis Batch: 635127

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-245767-35	RC-5-5SE-1	Total/NA	Solid	6010B	634604
MB 570-634604/1-A	Method Blank	Total/NA	Solid	6010B	634604
LCS 570-634604/2-A	Lab Control Sample	Total/NA	Solid	6010B	634604
LCSD 570-634604/3-A	Lab Control Sample Dup	Total/NA	Solid	6010B	634604
570-248481-A-1-B MS	Matrix Spike	Total/NA	Solid	6010B	634604
570-248481-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	6010B	634604

Lab Chronicle

Client: Ninyo & Moore
Project/Site: LARAP Pacific Palisades & Rustic Canyons

Job ID: 570-245767-3

Client Sample ID: RC-5-5SE-1
Date Collected: 09/08/25 12:10
Date Received: 09/09/25 09:25

Lab Sample ID: 570-245767-35
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3051A			0.5197 g	50 mL	634604	10/02/25 11:54	M2KZ	EET CAL 4
Total/NA	Analysis	6010B		2			635127	10/03/25 01:25	VZ0K	EET CAL 4
Instrument ID: ICP11										

Laboratory References:
EET CAL 4 = Eurofins Calscience Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494

Accreditation/Certification Summary

Client: Ninyo & Moore
Project/Site: LARAP Pacific Palisades & Rustic Canyons

Job ID: 570-245767-3

Laboratory: Eurofins Calscience

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
California	State	3082	07-31-26
Oregon	NELAP	4175	02-02-26

1
2
3
4
5
6
7
8
9
10
11
12
13
14

Method Summary

Client: Ninyo & Moore

Job ID: 570-245767-3

Project/Site: LARAP Pacific Palisades & Rustic Canyons

Method	Method Description	Protocol	Laboratory
6010B	Metals (ICP)	SW846	EET CAL 4
3051A	Preparation, Metals, Microwave Assisted	SW846	EET CAL 4

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET CAL 4 = Eurofins Calscience Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494

Sample Summary

Client: Ninyo & Moore

Project/Site: LARAP Pacific Palisades & Rustic Canyons

Job ID: 570-245767-3

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
570-245767-35	RC-5-5SE-1	Solid	09/08/25 12:10	09/09/25 09:25	California

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Virendra Patel

From: Jonathan Sachrison <jsachrison@ninyoandmoore.com>
Sent: Thursday, September 18, 2025 9:54 AM
To: Virendra Patel
Cc: Eduardo Chavez
Subject: FW: Eurofins Calscience report and EDD deliverables for job 570-245767-1 LARAP Pacific Palisades & Rustic Canyons
Attachments: J245767-1 UDS Level 2 Report Final Report.pdf

Unverified Sender: The sender of this email has not been verified. Review the content of the message carefully and verify the identity of the sender before acting on this email: replying, opening attachments or clicking links.

Hi Virendra,

See below. Thank you.

Regards,

Jonathan Sachrison
Staff Environmental Scientist
T.: + 1 949 753 7070 x 12236 | M.: + 1 949 306 2612
jsachrison@ninyoandmoore.com

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From: Jonathan Sachrison <jsachrison@ninyoandmoore.com>
Sent: Thursday, September 18, 2025 9:52 AM
To: TALS@reports.et.eurofinsus.com
Cc: Eduardo Chavez <echavez@ninyoandmoore.com>; Jeff Aguilar, PG <jaguilar@ninyoandmoore.com>
Subject: Eurofins Calscience report and EDD deliverables for job 570-245767-1 LARAP Pacific Palisades & Rustic Canyons

Hi Virendra,

May you run the following samples that were submitted on hold for the following analyses?

- RC-1-5N-1 for Cadmium by EPA 6010B
- RC-1-5SE-1 for Cadmium by EPA 6010B
- RC-1-5SW-1 for Cadmium by EPA 6010B
- RC-5-5SE-1 for Arsenic by EPA 6010B

Thank you,

Jonathan Sachrison

Staff Environmental Scientist

T.: + 1 949 753 7070 x 12236 | M.: + 1 949 306 2612

jsachrison@ninyoandmoore.com

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Eurofins CalScience Irvine

2841 Dow Ave.
Suite 300Tustin, CA 92780-7211
phone 714.895.5494

Chain of Custody Record

Environment Testing
America

245767

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Eurofins Environment Testing America

Client Contact		Project Manager: Eduardo Chavez		Site Contact: JQS		Date: 9/8/25		COC No:				
Ninyo & Moore		Email: echavez@ninyoandmoore.com		Lab Contact:		Carrier:		1 of 5 COCs				
475 Goddard Suite 200		Tel/Fax: (949) 753-7070						TALS Project #:				
Irvine, CA 92618		Analysis Turnaround Time						Sampler:				
(949) 753-7070 Phone		☐ CALENDAR DAYS ☒ WORKING DAYS						For Lab Use Only:				
(xxx) xxx-xxxx FAX		TAT if different from Below _____						Walk-in Client:				
Project Name: LARAP Pacific Palisades/Rustic Canyon		☒ 2 weeks						Lab Sampling:				
Site: Pacific Palisades/Rustic Canyon 211750006		☐ 1 week						Job / SDG No.:				
P O #		☐ 2 days										
		☐ 1 day										
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	Lead by 6010B	Arsenic by 6010B	Cadmium by 6010B	Sample Specific Notes:
1	PP-4-1	9/8/2025	1325	G	Soil	1			X	X		
2	PP-4-2	9/8/2025	1332	G	Soil	1					X	
3	PP-4-3	9/8/2025	1337	G	Soil	1					X	
4	PP-4-4	9/8/2025	1343	G	Soil	1					X	
5	PP-4-5N-0.5	9/8/2025	1538	G	Soil	1			X	X		
6	PP-4-5N-1	9/8/2025	1546	G	Soil	1					X	
7	PP-4-5N-2	9/8/2025	1552	G	Soil	1					X	
8	PP-4-5N-3	9/8/2025	1558	G	Soil	1					X	
9	PP-4-5N-4	9/8/2025	1604	G	Soil	1					X	
10	PP-4-5SE-0.5	9/8/2025	1450	G	Soil	1			X	X		
11	PP-4-5SE-1	9/8/2025	1455	G	Soil	1					X	
12	PP-4-5SE-2	9/8/2025	1500	G	Soil	1					X	
13	PP-4-5SE-3	9/8/2025	1508	G	Soil	1					X	
Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other												
Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.							Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)					
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown							☐ Return to Client ☒ Disposal by Lab ☐ Archive for _____ Months					
Special Instructions/QC Requirements & Comments: Please also email results to irvtech-results@ninyoandmoore.com												
Custody Seals Intact: ☐ Yes ☐ No		Custody Seal No.:		Cooler Temp. (°C): Obs'd: _____		Corr'd: _____		Therm ID No.: _____				
Relinquished by:		Company: Ninyo & Moore		Date/Time: 9/8/25 1852		Received by:		Company: EC		Date/Time: 9/8/25 1852		
Relinquished by:		Company: Bee		Date/Time: 9/8/25 1900		Received by:		Company: John King		Date/Time: 9/8/25 7:10pm		
Relinquished by:		Company: John King		Date/Time: 9/8/25		Received in Laboratory by:		Company:		Date/Time: 9/7/25 0925		

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Suite 300

Tustin, CA 92780-7211

phone 714.895.5494

Chain of Custody Record

Environment Testing
America

245

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Eurofins Environment Testing America

Client Contact		Project Manager: Eduardo Chavez		Site Contact: JQS		Date: 9/8/25		COC No:				
Ninyo & Moore		Email: echavez@ninyoandmoore.com		Lab Contact:		Carrier:		2 of 5 COCs				
475 Goddard Suite 200		Analysis Turnaround Time						TALS Project #:				
Irvine, CA 92618		☐ CALENDAR DAYS ☒ WORKING DAYS						Sampler:				
(949) 753-7070 Phone		TAT if different from Below _____						For Lab Use Only:				
(xxx) xxx-xxxx FAX		☒ 2 weeks						Walk-in Client:				
Project Name: LARAP Pacific Palisades/Rustic Canyon		☐ 1 week						Lab Sampling:				
Site: Pacific Palisades/Rustic Canyon 211750006		☐ 2 days						Job / SDG No.:				
P O #		☐ 1 day										
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS/MSD (Y/N)	Lead by 6010B	Arsenic by 6010B	Cadmium by 6010B	Sample Specific Notes:
14	PP-4-5SE-4	9/8/2025	1520	G	Soil	1						
15	PP-4-5SW-0.5	9/8/2025	1400	G	Soil	1			X	X		
16	PP-4-5SW-1	9/8/2025	1408	G	Soil	1					X	
17	PP-4-5SW-2	9/8/2025	1413	G	Soil	1					X	
18	PP-4-5SW-3	9/8/2025	1427	G	Soil	1					X	
19	PP-4-5SW-4	9/8/2025	1437	G	Soil	1					X	
20	RC-1-1	9/8/2025	0636	G	Soil	1					X	
21	RC-1-2	9/8/2025	0810	G	Soil	1					X	
22	RC-1-3	9/8/2025		G	Soil	1						JQS
23	RC-1-4	9/8/2025		G	Soil	1						JQS
24	RC-1-5N-0.5	9/8/2025	0825	G	Soil	1				X		
25	RC-1-5N-1	9/8/2025	0825	G	Soil	1				X		
26	RC-1-5N-2	9/8/2025		G	Soil	1						JQS
Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____												
Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.							Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)					
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown							☐ Return to Client ☒ Disposal by Lab ☐ Archive for _____ Months					
Special Instructions/QC Requirements & Comments: Please also email results to irvtech-results@ninyoandmoore.com												
Custody Seals Intact: ☐ Yes ☐ No		Custody Seal No.:		Cooler Temp. (°C): Obs'd:		Corr'd:		Therm ID No.:				
Relinquished by:		Company: Ninyo & Moore		Date/Time: 9/8/25 18:52		Received by:		Company: RE		Date/Time: 9/8/25 18:52		
Relinquished by:		Company: RE		Date/Time: 9/8/25 19:05		Received by:		Company: Sohn/Kang		Date/Time: 9/8/25 7:00		
Relinquished by:		Company: Sohn/Kang		Date/Time: 9/8/25		Received in Laboratory by:		Company: a		Date/Time: 9/8/25 0925 PM		

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Tustin, CA 92780-7211
phone 714.895.5494

Chain of Custody Record

Environment Testing
America

Eurofins Environment Testing America

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Project Manager: Eduardo Chavez

COC No:

2 of 5 COCs

Client Contact

Email: echavez@ninyoandmoore.com

Site Contact: JQS

Date: 9/8/25

Ninyo & Moore
475 Goddard Suite 200
Irvine, CA 92618
(949) 753-7070 Phone
(xxx) xxx-xxxx FAX
Project Name: LARAP Pacific Palisades/Rustic Canyon
Site: Pacific Palisades/Rustic Canyon 211750006
P O #

Tel/Fax: (949) 753-7070

Lab Contact:

Carrier:

Analysis Turnaround Time

☐ CALENDAR DAYS ☒ WORKING DAYS

TAT if different from Below

☒ 2 weeks
☐ 1 week
☐ 2 days
☐ 1 day

Filtered Sample (Y/N)

Lead by 6010B

Arsenic by 6010B

Cadmium by 6010B

HOLD



004219654

Sampler:

For Lab Use Only:

Walk-in Client:

Lab Sampling:

Job / SDG No.:

Sample Specific Notes:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Lead by 6010B	Arsenic by 6010B	Cadmium by 6010B	Sample Specific Notes
RC-1-5N-3	9/8/2025		G	Soil	1					JQS
RC-1-5N-4	9/8/2025		G	Soil	1					JQS
RC-1-5SE-0.5	9/8/2025	0850	G	Soil	1			X		
RC-1-5SE-1	9/8/2025	0900	G	Soil	1			X		
RC-1-5SE-2	9/8/2025		G	Soil	1					JQS
RC-1-5SE-3	9/8/2025		G	Soil	1					JQS
RC-1-5SE-4	9/8/2025		G	Soil	1					JQS
RC-1-5SW-0.5	9/8/2025	0912	G	Soil	1			X		
RC-1-5SW-1	9/8/2025	0920	G	Soil	1			X		
RC-1-5SW-2	9/8/2025		G	Soil	1					JQS
RC-1-5SW-3	9/8/2025		G	Soil	1					JQS
RC-1-5SW-4	9/8/2025		G	Soil	1					JQS
RC-5-1	9/8/2025	1005	G	Soil	1			X		

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other

Possible Hazard Identification:

Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☒ Disposal by Lab ☐ Archive for Months

Special Instructions/QC Requirements & Comments:

Please also email results to irvtech-results@ninyoandmoore.com

Custody Seals Intact: ☐ Yes ☐ No

Custody Seal No.:

Cooler Temp. (°C): Obs'd: Corr'd: Therm ID No.:

Relinquished by: [Signature]	Company: Ninyo & Moore	Date/Time: 9/8/25 1852	Received by: [Signature]	Company: RC	Date/Time: 9/8/25 1852
Relinquished by: [Signature]	Company: RC	Date/Time: 9/8/25 1929	Received by: [Signature]	Company: RC	Date/Time: 9/8/25 1929
Relinquished by: [Signature]	Company: [Signature]	Date/Time: 9/9/25	Received in Laboratory by: [Signature]	Company: [Signature]	Date/Time: 7:10

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phone 714.895.5494

Chain of Custody Record

Environment Testing
America

245767

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Eurofins Environment Testing America

Client Contact		Project Manager: Eduardo Chavez		Site Contact: JQS		Date: 9/8/25		COC No:				
Ninyo & Moore		Email: echavez@ninyoandmoore.com		Lab Contact:		Carrier:		4 of 5 COCs				
475 Goddard Suite 200		Tel/Fax: (949) 753-7070						TALS Project #:				
Irvine, CA 92618		Analysis Turnaround Time						Sampler:				
(949) 753-7070 Phone		☐ CALENDAR DAYS ☒ WORKING DAYS						For Lab Use Only:				
(xxx) xxx-xxxx FAX		TAT if different from Below _____						Walk-in Client:				
Project Name: LARAP Pacific Palisades/Rustic Canyon		☒ 2 weeks						Lab Sampling:				
Site: Pacific Palisades/Rustic Canyon 211750006		☐ 1 week						Job / SDG No.:				
P O #		☐ 2 days										
		☐ 1 day										
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	Lead by 6010B	Arsenic by 6010B	Cadmium by 6010B	Sample Specific Notes:
29	RC-5-2	9/8/2025	1032	G	Soil	1						
	RC-5-3	9/8/2025		G	Soil	1						yes
	RC-5-4	9/8/2025		G	Soil	1						yes
30	RC-5-5W-0.5	9/8/2025	1050	G	Soil	1			X			
31	RC-5-5W-1	9/8/2025	1105	G	Soil	1				X		
	RC-5-5W-2	9/8/2025		G	Soil	1						yes
	RC-5-5W-3	9/8/2025		G	Soil	1						yes
	RC-5-5W-4	9/8/2025		G	Soil	1						yes
32	RC-5-5NE-0.5	9/8/2025	1130	G	Soil	1			X			
33	RC-5-5NE-1	9/8/2025	1135	G	Soil	1				X		
	RC-5-5NE-2	9/8/2025		G	Soil	1						yes
	RC-5-5NE-3	9/8/2025		G	Soil	1						yes
	RC-5-5NE-4	9/8/2025		G	Soil	1						yes
Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other												
Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.							Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)					
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown							☐ Return to Client ☒ Disposal by Lab ☐ Archive for _____ Months					
Special Instructions/QC Requirements & Comments: Please also email results to irvtech-results@ninyoandmoore.com												
Custody Seals Intact: ☐ Yes ☐ No		Custody Seal No.:		Cooler Temp. (°C): Obs'd: _____		Corr'd: _____		Therm ID No.: _____				
Relinquished by:		Company: Ninyo & Moore		Date/Time: 9/8/25 18:52		Received by:		Company: FC		Date/Time: 9/8/25 18:52		
Relinquished by:		Company: John King		Date/Time: 9/8/25 18:52		Received by:		Company: John King		Date/Time: 9/8/25 7:10pm		
Relinquished by:		Company: John King		Date/Time: 9/9/25		Received in Laboratory by:		Company: John King		Date/Time: 9/9/25 09:25		

Login Sample Receipt Checklist

Client: Ninyo & Moore

Job Number: 570-245767-3

Login Number: 245767

List Source: Eurofins Calscience

List Number: 1

Creator: Ablian, Samantha

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

Eurofins Calscience



ANALYTICAL REPORT

PREPARED FOR

Attn: Jeff Aguilar
Ninyo & Moore
475 Goddard St. Suite 200
Irvine, California 92618

Generated 9/18/2025 5:07:50 PM

JOB DESCRIPTION

LARAP Pacific Palisades & Rustic Canyons

JOB NUMBER

570-246460-1

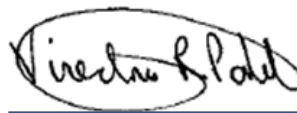
Eurofins Calscience

Job Notes

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The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Calscience Project Manager.

Authorization



Authorized for release by
Virendra Patel, Project Manager I
Virendra.Patel@et.eurofinsus.com
(714)895-5494

Generated
9/18/2025 5:07:50 PM

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Definitions/Glossary

Client: Ninyo & Moore

Job ID: 570-246460-1

Project/Site: LARAP Pacific Palisades & Rustic Canyons

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Ninyo & Moore
Project: LARAP Pacific Palisades & Rustic Canyons

Job ID: 570-246460-1

Job ID: 570-246460-1

Eurofins Calscience

Job Narrative 570-246460-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt

The samples were received on 9/11/2025 8:02 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 22.0°C.

Air - GC/MS VOA

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Eurofins Calscience

Detection Summary

Client: Ninyo & Moore

Job ID: 570-246460-1

Project/Site: LARAP Pacific Palisades & Rustic Canyons

Client Sample ID: RC-IA

Lab Sample ID: 570-246460-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.26		0.16		ug/m3	1		TO-15 SIM	Total/NA

Client Sample ID: RC-OA

Lab Sample ID: 570-246460-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.25		0.16		ug/m3	1		TO-15 SIM	Total/NA

Client Sample ID: PP-IA

Lab Sample ID: 570-246460-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.18		0.16		ug/m3	1		TO-15 SIM	Total/NA

Client Sample ID: PP-OA

Lab Sample ID: 570-246460-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.18		0.16		ug/m3	1		TO-15 SIM	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Calscience

Client Sample Results

Client: Ninyo & Moore
Project/Site: LARAP Pacific Palisades & Rustic Canyons

Job ID: 570-246460-1

Method: EPA-21 TO-15 SIM - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)

Client Sample ID: RC-IA

Date Collected: 09/11/25 16:20

Date Received: 09/11/25 20:02

Sample Container: Summa Canister 6L

Lab Sample ID: 570-246460-1

Matrix: Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	ND		0.17		ug/m3			09/17/25 23:18	1
Benzene	0.26		0.16		ug/m3			09/17/25 23:18	1
1,1,2,2-Tetrachloroethane	ND		0.34		ug/m3			09/17/25 23:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		75 - 132					09/17/25 23:18	1
4-Bromofluorobenzene (Surr)	82		60 - 130					09/17/25 23:18	1
Toluene-d8 (Surr)	109		80 - 142					09/17/25 23:18	1

Client Sample ID: RC-OA

Date Collected: 09/11/25 15:58

Date Received: 09/11/25 20:02

Sample Container: Summa Canister 6L

Lab Sample ID: 570-246460-2

Matrix: Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	ND		0.17		ug/m3			09/17/25 23:59	1
Benzene	0.25		0.16		ug/m3			09/17/25 23:59	1
1,1,2,2-Tetrachloroethane	ND		0.34		ug/m3			09/17/25 23:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		75 - 132					09/17/25 23:59	1
4-Bromofluorobenzene (Surr)	85		60 - 130					09/17/25 23:59	1
Toluene-d8 (Surr)	109		80 - 142					09/17/25 23:59	1

Client Sample ID: PP-IA

Date Collected: 09/11/25 17:38

Date Received: 09/11/25 20:02

Sample Container: Summa Canister 6L

Lab Sample ID: 570-246460-3

Matrix: Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	ND		0.17		ug/m3			09/18/25 00:42	1
Benzene	0.18		0.16		ug/m3			09/18/25 00:42	1
1,1,2,2-Tetrachloroethane	ND		0.34		ug/m3			09/18/25 00:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		75 - 132					09/18/25 00:42	1
4-Bromofluorobenzene (Surr)	92		60 - 130					09/18/25 00:42	1
Toluene-d8 (Surr)	116		80 - 142					09/18/25 00:42	1

Client Sample ID: PP-OA

Date Collected: 09/11/25 17:10

Date Received: 09/11/25 20:02

Sample Container: Summa Canister 6L

Lab Sample ID: 570-246460-4

Matrix: Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	ND		0.17		ug/m3			09/18/25 01:23	1
Benzene	0.18		0.16		ug/m3			09/18/25 01:23	1
1,1,2,2-Tetrachloroethane	ND		0.34		ug/m3			09/18/25 01:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		75 - 132					09/18/25 01:23	1
4-Bromofluorobenzene (Surr)	83		60 - 130					09/18/25 01:23	1

Eurofins Calscience

Client Sample Results

Client: Ninyo & Moore

Job ID: 570-246460-1

Project/Site: LARAP Pacific Palisades & Rustic Canyons

Method: EPA-21 TO-15 SIM - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Client Sample ID: PP-OA

Lab Sample ID: 570-246460-4

Date Collected: 09/11/25 17:10

Matrix: Air

Date Received: 09/11/25 20:02

Sample Container: Summa Canister 6L

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	116		80 - 142		09/18/25 01:23	1

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15
- 16

Job ID: 570-246460-1

Prep Type: Total/NA

5

2

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7

o

QC Sample Results

Client: Ninyo & Moore
Project/Site: LARAP Pacific Palisades & Rustic Canyons

Job ID: 570-246460-1

Method: TO-15 SIM - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)

Lab Sample ID: MB 570-626767/7

Matrix: Air

Analysis Batch: 626767

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	ND		0.17		ug/m3			09/17/25 15:01	1
Benzene	ND		0.16		ug/m3			09/17/25 15:01	1
1,1,2,2-Tetrachloroethane	ND		0.34		ug/m3			09/17/25 15:01	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		75 - 132					09/17/25 15:01	1
4-Bromofluorobenzene (Surr)	89		60 - 130					09/17/25 15:01	1
Toluene-d8 (Surr)	100		80 - 142					09/17/25 15:01	1

Lab Sample ID: LCS 570-626767/4

Matrix: Air

Analysis Batch: 626767

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Tetrachloroethene	3.39	3.461		ug/m3		102	69 - 137		
Benzene	1.60	1.642		ug/m3		103	71 - 126		
1,1,2,2-Tetrachloroethane	3.43	3.767		ug/m3		110	60 - 148		
Surrogate	LCS %Recovery	LCS Qualifier	Limits						
1,2-Dichloroethane-d4 (Surr)	101		75 - 132						
4-Bromofluorobenzene (Surr)	100		60 - 130						
Toluene-d8 (Surr)	98		80 - 142						

Lab Sample ID: LCSD 570-626767/5

Matrix: Air

Analysis Batch: 626767

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Tetrachloroethene	3.39	3.623		ug/m3		107	69 - 137	5	20
Benzene	1.60	1.678		ug/m3		105	71 - 126	2	20
1,1,2,2-Tetrachloroethane	3.43	3.949		ug/m3		115	60 - 148	5	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
1,2-Dichloroethane-d4 (Surr)	101		75 - 132						
4-Bromofluorobenzene (Surr)	100		60 - 130						
Toluene-d8 (Surr)	98		80 - 142						

QC Association Summary

Client: Ninyo & Moore

Job ID: 570-246460-1

Project/Site: LARAP Pacific Palisades & Rustic Canyons

Air - GC/MS VOA

Analysis Batch: 626767

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-246460-1	RC-IA	Total/NA	Air	TO-15 SIM	
570-246460-2	RC-OA	Total/NA	Air	TO-15 SIM	
570-246460-3	PP-IA	Total/NA	Air	TO-15 SIM	
570-246460-4	PP-OA	Total/NA	Air	TO-15 SIM	
MB 570-626767/7	Method Blank	Total/NA	Air	TO-15 SIM	
LCS 570-626767/4	Lab Control Sample	Total/NA	Air	TO-15 SIM	
LCSD 570-626767/5	Lab Control Sample Dup	Total/NA	Air	TO-15 SIM	

Lab Chronicle

Client: Ninyo & Moore
Project/Site: LARAP Pacific Palisades & Rustic Canyons

Job ID: 570-246460-1

Client Sample ID: RC-IA

Date Collected: 09/11/25 16:20

Date Received: 09/11/25 20:02

Lab Sample ID: 570-246460-1

Matrix: Air

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15 SIM		1	250 mL	250 mL	626767	09/17/25 23:18	F5GP	EET CAL 4
Instrument ID: GCMSYY										

Client Sample ID: RC-OA

Date Collected: 09/11/25 15:58

Date Received: 09/11/25 20:02

Lab Sample ID: 570-246460-2

Matrix: Air

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15 SIM		1	250 mL	250 mL	626767	09/17/25 23:59	F5GP	EET CAL 4
Instrument ID: GCMSYY										

Client Sample ID: PP-IA

Date Collected: 09/11/25 17:38

Date Received: 09/11/25 20:02

Lab Sample ID: 570-246460-3

Matrix: Air

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15 SIM		1	250 mL	250 mL	626767	09/18/25 00:42	F5GP	EET CAL 4
Instrument ID: GCMSYY										

Client Sample ID: PP-OA

Date Collected: 09/11/25 17:10

Date Received: 09/11/25 20:02

Lab Sample ID: 570-246460-4

Matrix: Air

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15 SIM		1	250 mL	250 mL	626767	09/18/25 01:23	F5GP	EET CAL 4
Instrument ID: GCMSYY										

Laboratory References:

EET CAL 4 = Eurofins Calscience Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494

Accreditation/Certification Summary

Client: Ninyo & Moore
Project/Site: LARAP Pacific Palisades & Rustic Canyons

Job ID: 570-246460-1

Laboratory: Eurofins Calscience

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
California	State	3082	07-31-26
Oregon	NELAP	4175	02-02-26

- 1
- 2
- 3
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- 14
- 15
- 16

Method Summary

Client: Ninyo & Moore

Job ID: 570-246460-1

Project/Site: LARAP Pacific Palisades & Rustic Canyons

Method	Method Description	Protocol	Laboratory
TO-15 SIM	Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)	EPA-21	EET CAL 4

Protocol References:

EPA-21 = "Compendium Of Methods For The Determination Of Toxic Organic Compounds In Ambient Air", Second Edition, EPA/625/R-96/010B, January 1999

Laboratory References:

EET CAL 4 = Eurofins Calscience Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494

Sample Summary

Client: Ninyo & Moore

Job ID: 570-246460-1

Project/Site: LARAP Pacific Palisades & Rustic Canyons

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
570-246460-1	RC-IA	Air	09/11/25 16:20	09/11/25 20:02	Air Canister (6-Liter) #D592
570-246460-2	RC-OA	Air	09/11/25 15:58	09/11/25 20:02	Air Canister (6-Liter) #D822
570-246460-3	PP-IA	Air	09/11/25 17:38	09/11/25 20:02	Air Canister (6-Liter) #D506
570-246460-4	PP-OA	Air	09/11/25 17:10	09/11/25 20:02	Air Canister (6-Liter) #D432

Virendra Patel

From: Jonathan Sachrison <jsachrison@ninyoandmoore.com>
Sent: Friday, September 12, 2025 9:51 AM
To: Virendra Patel
Cc: Eduardo Chavez
Subject: LARAP Pacific Palisades & Rustic Canyons - Air
Attachments: EurofinsAirLARAPCOC.pdf

Unverified Sender: The sender of this email has not been verified. Review the content of the message carefully and verify the identity of the sender before acting on this email: replying, opening attachments or clicking links.

Hi Virendra,

Last night I dropped off 4 Summa Canisters for our LARAP Pacific Palisades & Rustic Canyons project. The COC requests TO-15 SIM for PCE only. May you update the COC to include additional analytes? We would like PCE, 1,1,2,2-Tetrachloroethane, and benzene by TO-15 SIM to be reported. I have attached the COC to this email. Thank you. Let me know if I can provide any additional information.

Regards,

Jonathan Sachrison
Staff Environmental Scientist
T.: + 1 949 753 7070 x 12236 | M.: + 1 949 306 2612
jsachrison@ninyoandmoore.com

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For courier service / sample drop off information, contact us26_sales@eurofinsus.com or call us.



570-246460 Chain of Custody

246460

AIR CHAIN-OF-CUSTODY RECORD

DATE: 9/11/25

PAGE: 1 OF 1

LABORATORY CLIENT: Ninyo & Moore				CLIENT PROJECT NAME / NO.: LARAP Rustic Canyon / Pacific Palisades				P.O. NO.:									
ADDRESS: 475 Goddard Suite 200				PROJECT CONTACT: Edoardo Chavez				LAB CONTACT OR QUOTE NO.:									
CITY: Irvine		STATE: CA		ZIP: 92618		PROJECT ADDRESS: 851 Alma Real Drive				SAMPLER(S): (PRINT) JOHNATHAN SACHRYSON							
TEL: 949 753 7070		E-MAIL: echavez@ninyoandmoore.com		PROJECT ADDRESS: 601 Lattimer Road				CITY: Pacific Palisades / Santa Monica				STATE: CA		ZIP: 90272 90402		REQUESTED ANALYSES	
TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"):				☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAYS ☒ STANDARD													
EDD: ☐ COELT EDF ☒ OTHER				UNITS: micrograms / meter cubed													
SPECIAL INSTRUCTIONS: Scribe EDD Also send results to irvtech-results@ninyoandmoore.com																	
TO 15 STM (PCE only)																	
LAB USE ONLY	SAMPLE ID	FIELD ID / POINT OF COLLECTION	MATRIX	SAMPLING EQUIPMENT			START SAMPLING INFORMATION			STOP SAMPLING INFORMATION							
			Indoor (I) Soil Vap. (SV) Ambient (A)	Media ID	Canister Size 6L or 1L	Flow Controller ID	Date	Time (24 hr clock)	Canister Pressure (in Hg)	Date	Time (24 hr clock)	Canister Pressure (in Hg)					
1	RC-IA		I	D592	6L	FC242	9/11/25	0807	-35	9/11/25	1620	-10					
2	RC-OA		A	D822	6L	FC15	9/11/25	0813	-29	9/11/25	1558	-3					
3	PP-IA		I	D506	6L	FC537	9/11/25	0938	-31	9/11/25	1738	-6					
4	PP-OA		A	D432	6L	FC268	9/11/25	0852	-30	9/11/25	1710	-6					
Relinquished by: (Signature)				Received by: (Signature/Affiliation) EC						Date: 9/11/25		Time: 2002					
Relinquished by: (Signature)				Received by: (Signature/Affiliation)						Date:		Time:					
Relinquished by: (Signature)				Received by: (Signature/Affiliation)						Date:		Time:					

H4M W

Login Sample Receipt Checklist

Client: Ninyo & Moore

Job Number: 570-246460-1

Login Number: 246460

List Source: Eurofins Calscience

List Number: 1

Creator: Cortez Diaz, Antonio

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	N/A	Thermal preservation not required.
Cooler Temperature is acceptable.	N/A	
Cooler Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Summa Canister Dilution Worksheet

Client: Ninyo & Moore

Job No.: 570-246460-1

Project/Site: LARAP Pacific Palisades & Rustic Canyons

Lab Sample ID	Canister Volume (L)	Presampling Pressure ("Hg)	Preadjusted Pressure ("Hg)	Preadjusted Pressure (atm)	Preadjusted Volume (L)	Adjusted Pressure (psig)	Adjusted Pressure (atm)	Adjusted Volume (L)	Initial Volume (mL)	Dilution Factor	Final Dilution Factor	Pressure Gauge ID	Date	Analyst Initials
570-246460-1	6	-29.5	-4.2	0.86	5.16	-2.06285	0.86	5.16		1.00	1.00	AIRMG 6	09/16/25 13:13	F5GP
570-246460-2	6	-29.5	-4.5	0.85	5.10	-2.21019	0.85	5.10		1.00	1.00	AIRMG 6	09/16/25 13:14	F5GP
570-246460-3	6	-29.5	-6	0.80	4.80	-2.94692	0.80	4.80		1.00	1.00	AIRMG 6	09/16/25 13:14	F5GP
570-246460-4	6	-29.5	-6	0.80	4.80	-2.94692	0.80	4.80		1.00	1.00	AIR MG 6	09/16/25 13:14	F5GP

Formulae:

Preadjusted Volume (L) = ((Preadjusted Pressure ("Hg) + 29.92 "Hg) * Vol L) / 29.92 "Hg

Adjusted Volume (L) = ((Adjusted Pressure (psig) + 14.7 psig) * Vol L) / 14.7 psig

Dilution Factor = Adjusted Volume (L) / Preadjusted Volume (L)

Where:

29.92 "Hg = Standard atmospheric pressure in inches of Mercury ("Hg)

14.7 psig = Standard atmospheric pressure in pounds per square inch gauge (psig)



475 Goddard, Suite 200 | Irvine, California 92618 | p. 949.753.7070

ninyoandmoore.com